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# MONTANA HIGHWAY DEPARTMENT

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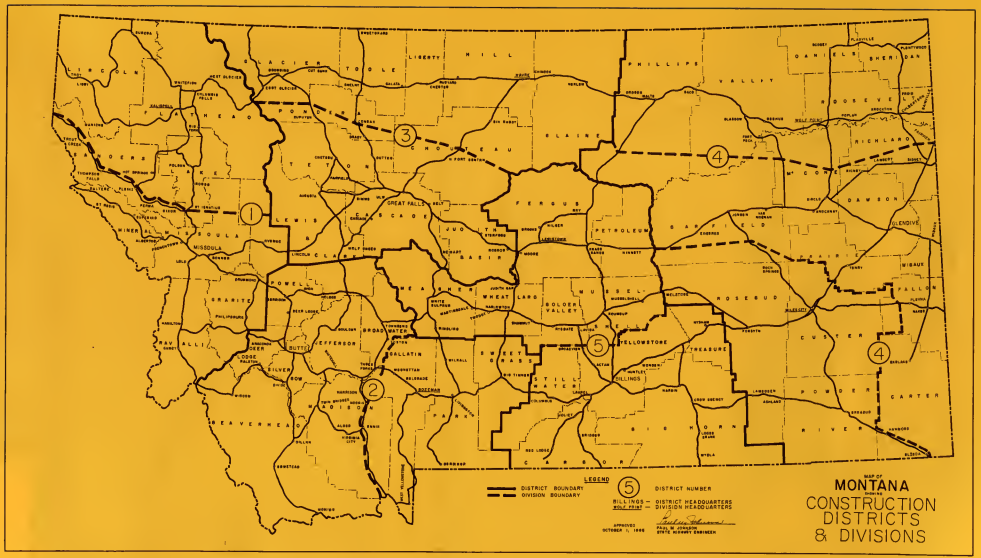
# FIELD ENGINEERING AND CONSTRUCTION

# PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

AUGUST 20, 1979


LEGEND
DISTRICT BOUNDARY
DIVISION BOUNDARY
5 DISTRICT NUMBER
BILLINGS — DISTRICT HEADQUARTERS
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APPROVED OCTOBER 1, 1956
STATE HIGHWAY ENGINEER
MAP OF
MONTANA
SHOWING
CONSTRUCTION
DISTRICTS
& DIVISIONS

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

AUGUST 17, 1979

AUG 22 1979
CONSTRUCTION

Montana Department of Highways
Helena, Montana 59601

Progress Report

## GENERAL

Skies have been clear during the past period. Temperatures ranged from 55° to 99°. Highways are in fair to good driving condition.

## PRECONSTRUCTION

F 6-1(5), Thompson Falls - East
Length - 10 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

F 7-1(9)22, Darby - North & South
Length - 17 Miles
Work will be started when personnel are available.

Personnel Unassigned

FF 7-1(11), Florence - Lolo, Add 2 Lanes
Personnel on other projects.
No work on this design this period.
Design remains 29% complete.

Jim Smith, Designer III
Missoula, Montana
Phone 549-6491

F 197(8), Dixon - Ravalli
Length - 8.5 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RS 263-1(4)1, Mullan Road - Missoula
Length - 0.9 Miles

Jim Smith, Designer III
Missoula, Montana
Phone 549-6491

Work this past period consisted of work on grades, templating and computing of quantities. Design remains 22% complete. Personnel also on other assignments.

S 269-1(01), State Route 269, Stevensville
Length - 0.8 Miles

Jim Smith, Designer III
Missoula, Montana

No work on this project this past period. Design remains 40% complete. Personnel on other assignments.

## C O N S T R U C T I O N

I 90-1(80)0, U-2, Lookout Pass - Saltese
Median Rail Removed
Contract Let - February 23, 1978
Amount of Contract - $139,660.40
Work Proceed Date - April 21, 1978
Work Started - June 7, 1978

R. Redding Construction Co., Inc.
Spokane, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 100 Working Days
Completion Date - 6/18/79
Effective Opening Date - NA

The final estimate was submitted to the Division Office August 14, 1979.
It will be forwarded to Helena about September 14th.

I 90-1(78)11, Saltese - DeBorgia
Length - 10.8 Miles
PMS, PCCP, & Related Items
Contract Let - April 28, 1977
Amount of Contract - $6,244,632.55
Work Proceed Date - May 24, 1977
Work Started - June 8, 1977

Peter Kiewit Sons' Company
Billings, Montana, Contractor
John Miner, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 240 Working Days
Probable Completion Date - Aug.1979
Effective Opening Date - 11/29/78

Inland Asphalt Co., sub-contractor, has completed epoxying low spots on concrete pavement. Contract is 100% complete with 100% of contract time elapsed. Construction layout is 100% complete. Only Misc. Erosion E.W.O. work remains to be done.

I 90-1(77), U-5, Drexel - East & West
Two Concrete Girder Bridges
Contract Let - February 24, 1977
Amount of Contract - $1,102,551.98
Work Proceed Date - April 18, 1977
Work Started - April 29, 1977

McIntyre Construction Co. &
S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 200 Working Days
Completion Date - July 31, 1978
Effective Opening Date - NA

The final estimate was submitted to Helena on August 10, 1979.

I 90-1(77)22, U-6, Drexel - East & West
Length - 1.207 Miles
Construction of End Bents & Composite Steel
and Concrete Girder Bridges
Contract Let - May 26, 1977
Amount of Contract - $1,242,649.35
Work Proceed Date - June 24, 1977
Work Started - July 26, 1977

McIntyre Construction Co. &
S. Birch, Inc., Great Falls, Mont.
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 175 Working Days
Completion Date - 8/14/79
Effective Opening Date - _____

The project was completed August 14, 1979.

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, Montana, Contractor
James Cyr, Field Project Manager
St. Regis, Montana, Phone 649-2601
Contract Time - 300 Working Days
Probable Completion Date - Aug.1980
Effective Opening Date - _____

The contractor has approximately 46 men working 2-8 hr. shifts per day, five days per week. Grading work is in progress from Station 99 to Station 167. Bin wall is being installed left of Station 350. The contract is 69% complete with 63% of the time elapsed. One six man survey crew is working various hours doing construction layout. Percentages complete for Bid Items are as follows: Excav. Unclass. is 96%; Base Crse. 1" Gr. 6A is 30%; Base Crse. 1'" Gr. 5A is 15%; Plant Mix Surf. Gr. B is 49%; and Plant Mix Bit. Surf. Base 1" Gr. 2 is 23%.

I-IG 90-1(61)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestressed Concrete
Girder Bridges over St. Regis River
78.0 Dual Separation Street
Contract Let - June 22, 1978
Amount of Contract - $633,002.62
Work Proceed Date - July 14, 1978
Work Started - July 19, 1978

Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 160 Working Days
Probable Completion Date - Aug. 1979
Effective Opening Date - _____

The contractor is grinding decks and general clean-up @ 526 & @ 672 and epoxying at @672. Construction layout is 100% complete; Contract time elapsed is 89%; and the contract as a whole is 96% complete. 7 men are employed working 5/8 hour shifts per week.

I-IG 90-1(61)27, U-3, St. Regis - East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges
Amount of Contract - $2,009,230.57
Work Proceed Date - April 16, 1979
Work Started - March 6, 1979

Sletten Construction Company
Great Falls, Montana, Contractor
William Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 240 Working Days
Probable Completion Date - June 1980
Effective Opening Date - _____

Contractor is forming in deck on W.B. The river was diverted and seal is in place on Pier 3 E.B. Contractor has formed footings and is placing rebar in Pier 3 E.B. Construction layout is 90% complete; contract time elapsed is 31%; and the contract as a whole is 40% complete. 5 engineers and 26 men are employed working 10/8 hour shifts per week.

I-IG 90-1(61)27, U-4, St. Regis - East & West
Dual 402.33 Ft. & A Dual 413.0 Ft.
Composite Steel & Concrete Girder Bridge
A Detour Road & Railroad Relocation
Amount of Contract - $4,830,789.54
Work Proceed Date - May 2, 1979
Work Started - April 18, 1979

General Construction Company
Butte, Montana, Contractor
William Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 350 Working Days
Probable Completion Date - Aug. 1981
Effective Opening Date - _____

Contractor has excavated Pier 2 W.B. & Pier 2 E.B. @ 406 (Type II); cofferdams are in place. Construction layout is 70% complete; contract time elapsed is 21%; and the contract as a whole is 21% complete. 2 engineers and 10 men are employed working 5 shifts per week.

I-IG 90-1(61)27, U-5, St. Regis - East & West
Dual 889.23 Ft. Composite Steel and
Cone, Girder-Bridge
Amount of Contract - $4,964,536.10
Work Proceed Date -
Work Started -

Sletten Construction Company
Great Falls, Montana, Contractor
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 410 Working Days
Probable Completion Date - June 1981
Effective Opening Date - _____

Progress has been good. The contractor worked 14-8 hr. shifts, employing an average of 7 men. Work consisted of excavating, forming and placing reinforcing steel for the footing at Bent Nos. 1 E.B.; 1 W.B.; 7 E.B.; and 8 W.B. The project as a whole is 1% complete with 3% of the contract time elapsed.

I-IG 90-1(61)27, U-6, St. Regis - East & West
Length - 7.6 Miles
G, GM & PMS Construction Staking

Hugh Rogers, Acting Field Project Mgr.
St. Regis, Montana, Phone 649-2471

Project is scheduled for letting August 23, 1979. Construction staking is underway.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-Add. Surf. -PMB
Sign & Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, Montana, Contractor
James Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 220 Working Days
Completion Date - 6/5/79
Effective Opening Date - 9/18/78

The final estimate should be submitted to the Division Office about December 1979. Construction layout is 100% complete; the contract is 100% complete.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Amount of Contract - $1,661,621.92
Work Proceed Order - September 15, 1978
Work Started - June 28, 1979

Northwest Construction, Inc.
Kirkland, Washington, Contractor
John Miner, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 150 Working Days
Probable Completion Date - Dec. 1979
Effective Opening Date - _____

Twelve State personnel on project working various hours on different inspection and testing jobs. Northwest Const., Inc. has approximately 30 men working various hours. Concrete paving on E.B. lane is completed. Started placing 3/4" Top Surf. on right shoulder of E.B. lane. Velvet Concrete Sawing Co. has completed concrete sawing on E.B. lane. Washington Construction Co., sub-contractor, has 3 men working 2-8 hour shifts 6 days per week washing and stockpiling concrete aggregate at their St. Regis Pit. Began crushing 3/4" Top Surfacing Grade 2A on 8-13-79. Construction layout is 35% complete; contract time elapsed is 63%; and the contract as a whole is 16% complete.

IR 90-1(88)39, U-1
Replacement of Sliding Plate
Expansion Joints
Amount of Contract - $376,873.00
Work Proceed Date - June 4, 1979
Work Started - July 17, 1979

Inland Asphalt Company
Spokane, Washington, Contractor
Cliff Neiffer, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date - May 1980
Effective Opening Date - NA

Progress has been good. The contractor worked ten 9-hour shifts employing 9 men. Bridge at Mile Post 118.6 - Elastomeric Joint has been installed and traffic returned to the right lane, slab removal completed and forms are being set on to left lane of the Westbound lane structure. Elastomeric Joint has been installed at Bent 6 and slab removal completed at Bent 3 on the right lane of the Eastbound Lane structure. Bridge at Mile Post 110.1 - Elastomeric Joint has been installed and traffic returned to the right lane of the Westbound lane structure. The project is 12% complete with 15% of the contract time elapsed. Construction layout with one engineer is 15% complete.

I-IG 90-1(67)64, U-1, Tarkio - East
867 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,589,729.30
Work Proceed Date - April 16, 1979
Work Started - March 9, 1979

Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 280 Working Days
Probable Completion Date - Sept. 1980
Effective Opening Date - _____

Bent 1 - Finishing concrete; Bent 2 - Finishing concrete; Pier 3 - Caldwelded, set forms; & placing concrete in lower col. Three engineers and 18 men are working 5-10 shifts per week. Construction layout is 95%; contract time elapsed is 31%; and the contract as a whole is 20% complete.

I-IG 90-1(67)64, U-2, Tarkio - East
781.0 Ft. Composite Steel &
Concrete Girder Bridge
Amount of Contract - $2,460,638.15
Work Proceed Date - April 16, 1979
Work Started - March 12, 1979

Sletten Construction Company
Great Falls, Montana, Contractor
George Roat, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 300 Working Days
Probable Completion Date - Sept. 1980
Effective Opening Date - _____

Work during the past weeks has consisted of placing concrete for the cap at Bent 5 and footings at Bent No. 1; driving sheetpile and excavating for the footing at Pier No. 3 and driving sheetpile for a retaining wall for temporary access to Pier No. 4. 4 engineers and 19 men are employed working 10/8 hour shifts per week. Construction layout is 40% complete; 27% of the contract time has elapsed; and the contract as a whole is 12% complete.

I-IG 90-1(67)64, U-3, Tarkio - East
329.0' Bridge, 142.25 Bridge &
199.5' Bridge & Approaches
Amount of Contract -
Work Proceed Date -
Work Started -

Albert W. Bonner, Field Project Manager
Alberton, Montana
Contract Time - 195 Working Days
Probable Completion Date - Nov. 1980
Effective Opening Date - NA

The project letting will be August 23, 1979.

I 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 180 Working Days
Completion Date - 6/27/79
Effective Opening Date - 5/18/79

Crew is working on other projects.

IR 90-1(85)75, Alberton - West
IR 90-2(65)78, Alberton - East
Length - 4.5 Miles
Plant Mix Surfacing
Contract Let - March 29, 1979
Amount of Contract - $718,460.85
Work Started - July 7, 1979

Rehbein Contracting, Inc.
Plains, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 60 Working Days
Probable Completion Date - Oct. 1979
Effective Opening Date - NA

The contractor is working 5/10 hour shifts per week. He has started paving & has completed the 1st lift from Sta. 855+40± to Sta. 69+59$^{9}$±. The sub-contractor is crushing out aggregate for the plant mix. Construction layout is 58% complete; contract time elapsed is 60%; and the contract is 66% complete.

I 90-3(45)144, Safety Guardrail & Upgrade
Bearmouth Canyon
Amount of Contract - $77,867.00
Work Proceed Date - August 28, 1978
Work Started - November 9, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 30 Working Days
Completion Date - 7/19/79
Effective Opening Date - NA

Project was completed on July 19, 1979. Engineers are working on other projects.

IR 90-3(47)152, Drummond - East
Length - 12.3 Miles
Plant Mix Overlay
Amount of Contract - $2,723,002.29
Work Proceed Date - August 24, 1979
Work Started -

Meyer Construction Company
Billings, Montana, Contractor
Charles Hegman, Field Project Manager
Drummond, Montana, Phone 288-3549
Contract Time - 120 Working Days
Completion Date - _____
Effective Opening Date - NA

No word has beeen received from the contractor. The survey crew is engaged in resetting control points and running line.

HES 5-1(3)13, HES 5-2(12)20
HES 5-2(11)27, & HES 7-1(17)76
Safety Improvements
Amount of Contract - $184,883.35
Work Proceed - July 27, 1979
Work Started -

Rehbein Contracting
Plains, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 60 Working Days
Probable Completion Date - Nov. 1979
Effective Opening Date - NA

The preconstruction conference was held July 20, 1979. The contractor hasn't moved to the project as of this date.

FF 7-1(8)38, Charlos Heights - North
Length - 5.0 Miles
Grade, Agg. Surf. and PMS

Allan Dutton, Field Project Manager
Hamilton, Montana, Phone 363-1539

There has been no work on this project.

FF 7-1(2)26, U-1, Hamilton - North
55 Ft. Concrete Girder Bridge &
Detour
Amount of Contract - $363,507.70
Work Proceed Date - April 16, 1979
Work Started - March 19, 1979

Frontier-West, Inc.
Missoula, Montana, Contractor
Allan Dutton, Field Project Manager
Hamilton, Montana, Phone 363-1539
Contract Time - 150 Working Days
Probable Completion Date - Dec. 1979
Effective Opening Date - _____

Bridge deck and concrete barrier rail have been poured; contractor is in process of finishing bridge deck. Construction layout is 93% complete; 56% of the contract time has elapsed; and the contract as a whole is 48% complete. 2 engineers and 9 men are employed working 5/8 hour shifts per week.

FF 7-1(2)26, U-2, Hamilton - North
Length - 1.7 Miles
Grade, Agg. Surf. & PMS

Allan Dutton, Field Project Manager
Hamilton, Montana, Phone 363-1539

No work has been done on this project.

FF 7-2(4)90, U-1, Missoula
Furnishing Material for
Intersection of Brooks & Reserve St.
Amount of Contract - $27,064.09
Contract Let - May 25, 1978
Work Started - October 23, 1978

Skinner Enterprises
Helena, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - October 31, 1978
Completion Date - April 30, 1979
Effective Opening Date - NA

The final estimate should be submitted to the Division Office on about October 1, 1979. Contract time elapsed is 100% and the contract is 100% complete.

FF 7-2(4)90, U-2, Brooks & Reserve St.
Installation of Traffic Signals & Lighting
Contract Let - May 31, 1979
Amount of Contract - $62,955.19
Work Proceed Date - June 29, 1979
Work Started - July 9, 1979

Northern Rockies Construction
Great Falls, Montana, Contractor
James Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 25 Working Days
Completion Date - 8/6/79
Effective Opening Date - NA

The contractor completed this project on August 6, 1979 and 8 men were released. The final should be submitted to the Division Office on about October 19, 1979. Construction layout is 100% complete; contract time elapsed is 100%; and the contract is 100% complete.

F 41-1(4)20, Helmville
Plant Mix Paving
Length - 7.8 Miles
Amount of Contract - $806,246.62
Contract Let - December 14, 1978
Work Started - April 13, 1979

Meyer Construction Company
Billings, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 75 Working Days
Probable Completion Date - 11/1/79
Effective Opening Date - NA

The contractor has completed hauling and laying 3/4" & 1 1/2" gravel on the road from Sta. 1044+22.1 to 1455+19.2 and also the first lift of plant mix & 3/4 of the 2nd lift. They are working 5/9 hour shifts. Construction layout is 91% complete; 77% of the contract time has elapsed; and the contract is 94% complete. 9 engineers and 22 men are employed.

F 71-1(2)0, West Broadway - Missoula
Length - 0.7 Mile
Grading, Agg. Surf., P.M. Surf.
Seal, Cover & Signing
Amount of Contract - $413,286.30
Contract Let - December 14, 1978
Work Started - May 11, 1979

American Asphalt, Inc.
Missoula, Montana, Contractor
James Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 70 Working Days
Probable Completion Date - Sept. 1979
Effective Opening Date - NA

The contractor has been installing sign posts the past week and he plans to start sealing of the project on August 20, 1979. Progress has been fair. Construction layout is 90% complete; contract time elapsed is 81%; and the contract is 72% complete. 2-6 engineers and 2-18 men are employed working 5/8 hour shifts per week.

F 93-1(1)0, U-2, Lolo Pass - Lolo
Length - 16.5 Miles
Plant Mix Overlay & Striping
Contract Let - June 22, 1978
Amount of Contract - $2,046,525.80
Work Started - August 16, 1978

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Hamilton, Montana, Phone 363-1539
Contract Time - 120 Working Days
Probable Completion Date - Aug. 1979
Effective Opening Date - NA

Seal and cover has been completed through all 32.5 miles of job including approaches. Contractor is in process of brooming off roadway in preparation for striping operations to begin. Construction layout is 94% complete; 93% of the contract time has elapsed; and the contract is 66% complete. 11 engineers and 25 men are employed working 5/10 shifts per week.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass Over C.M. St. P. & P. Railroad Approaches & Fencing
Amount of Contract - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Jack Silvey, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 105 Working Days
Completion Date - 7/6/79
Effective Opening Date - 6/15/79

Project was completed July 6, 1979. The engineering crew is engaged on other projects.

RS-DP 224(14), U-3, Reserve Street
Length - 33.14 Ft. Prestressed Concrete Girder Bridge
Amount of Contract - $635,990.40
Contract Let - October 27, 1977
Work Proceed Date - April 17, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion Date - October 6, 1978
Effective Opening Date - 6/15/79

The engineering crew is engaged on other projects.

RS-DP 224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf. CTB, Concrete Paving & Traffic Control
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 140 Working Days
Probable Completion Date - Aug. 1979
Effective Opening Date - 6/15/79

Work remaining consists of erecting two signs and correcting a malfunction in the signal at Mullan Road.

TQS 271-2(1)21, Helmville - Montana 141
Length - 0.7 Mile, Grading, Roadway Stabilization of Fabric & Gravel
Amount of Contract - $111,856.00

Work Started - July 16, 1979
Work Proceed - May 31, 1979

Meyer Construction Company
Billings, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract Time - 45 Working Days
Probable Completion Date - Dec. 1979
Effective Opening Date - NA

The contractor has completed hauling & placing the 3/4" Gr. 2 gravel and the 1 1/2" gravel on the road from Sta. 1457+00 to 1492+30. The contractor is working 5/8 hour shifts. Construction layout is 98% complete; contract time elapsed is 93%; and the contract is 96% complete. 9 engineers and 22 men are employed.

PMS 4140(52), U-8, U-11, Lake, Sanders & Missoula Counties
Pavement Markings on various intersections
Contract Let - February 23, 1978
Amount of Contract - $239,586.51
Work Proceed Order - April 21, 1978
Work Started - July 11, 1978

Swanston Equipment Company
Fargo, North Dakota, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - Aug. 1979
Effective Opening Date - NA

The original contract is complete. The contractor will probably be in on August 17, 1979 to replace the tape that has worn out during the past year.

M 8103(2), U-2, South Ave. & Reserve Street
Traffic Signals & Lighting
Contract Let - September 28, 1978
Amount of Contract - $89,992.60
Work Proceed Date - October 25, 1978
Work Started - November 2, 1978

Long Construction Company, Inc.
Missoula, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 40 Working Days
Probable Completion Date - August 1979
Effective Opening Date - NA

The contractor has two plumizers to install and one sign to install to complete the project. The contractor is waiting for the plumizers to complete the project. Construction layout is 100% complete; 95% of the contract time has elapsed; and the contract as a whole is 95% complete.

M 8105(4), U-2, Intersection 3rd & Russell
Traffic Signals, Signing, Street Widening
Surfacing & Lengthen Conc. Box
Contract Let - May 31, 1979
Amount of Contract - $369,304.05
Work Proceed Date - June 29, 1979

American Asphalt, Inc.
Missoula, Montana, Contractor
James Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 80 Working Days
Probable Completion Date - May 1980

The contractor plans to start revising the signals as soon as materials arrive. The curb & gutter and surfacing will start the last of August. The concrete work will start about September 19, 1979.

M 8117(1), Intersection of Higgins & South
Installation of Traffic Signals, Intersection Improvements & Landscaping
Contract Let - December 14, 1978
Amount of Contract - $105,102.59
Work Proceed Date - April 16, 1979
Work Started -

Livesay Traffic Maintenance, Inc.
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 45 Working Days
Probable Completion Date - Oct. 1979
Effective Opening Date - NA

The preconstruction conference was held on February 6, 1979. The contractor is engaged in other projects and has not advised when he plans to start work.

SMP 3299-79, Missoula & Ravalli Counties
Crushing & Stockpiling materials from
6 Crusher Setups
Contract Let - March 29, 1979
Amount of Contract - $195,340.00
Work Proceed Date - April 25, 1979
Work Started - August 7, 1979

Clark Brothers, Contractors
Victor, Montana, Contractor
Dwight Lohn, Materials Supervisor
Contract Time - 75 Working Days

Crushing started in Pit 3210-62 on August 7, 1979. Contractor has twelve men working six ten-hour shifts per week. Six thousand tons of 1/2" Gr. 4A has been crushed and stockpiled from Pit 3210-62, and one thousand tons stockpiled on Change Order No. 1. The project is 16% complete with 61% of the contract time elapsed. Two highway employees are testing and weighing.

for James T. Wearne
BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

cc: Division File

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

AUGUST 17, 1979

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The follwoing is a report on pre-construction and construction activities in area 1230 for the period ending August 17, 1979.

## G E N E R A L

Progress has been fair to good. Weather has been mostly hot and dry with a slight break late in the period. Day time temperatures ranged from +80° to +90° with night temperatures from +45° to +60°. Highways are in average summer driving condition.

## P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Elk Hill-Lion Springs Safety
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work the past period. Design work will proceed as time becomes available from other projects.

HHS-1-2(4) 109 Kila-West
Fencing High Hazard Area
Length - 2.4 Miles
Scheduled for October 1979 Letting

Gene Piedalue, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520
Completion Date - January 30, 1979

No work the past period. Field work and design is 100% complete.

F-1-2(11)120 Idaho Street Overlay
Length - 1.3 Miles
Design Started - January 29, 1979

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - August 30, 1979

There has been no work the past period. A Plan-In-Hand is scheduled for August 29, 1979.

F-38-1(03) Columbia Falls East & West
Length - 4.7 Miles
Design Started - January 14, 1975

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - October 1, 1979

Work will proceed, in the near future, on incorporating the storm drain design into the construction plans. 375 man days have been used to date on design, which is approximately 70% complete.

RS-486-1(1) Nucleus Avenue
Length - 0.6 Miles
Design Started - January 14, 1975

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - October 1, 1979

The revised storm drain design was received from Hydraulics and work is now proceeding on incorporating this into the construction plans. 93 man days have been used to date on design, which is approximately 76% complete.

F-1-2(3)148 Unit 2 & LSF-1-257(5)
Coram-West Glacier Section
Length - 3.7 Miles
Scheduled for October 1979 Letting

Gene Piedalue, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520

No work the past period by Highway personnel.

Utilities (Original 4.8 Miles)

Montana Power Co.- The portion required for Unit 1 clearing and grubbing contract completed. No work has been done in the area of the West Glacier outfall sewer line on the Lundgren property as right of way has not been acquired. Relocation remains 65% complete with no estimated completion date.
Northwestern Telephone Systems, Mountain States Telephone and Burlington Northern, Inc. - 100% complete.
Flathead Electric Co-op - Contractor, Harp Line Const. Co., has suspended work pending settlement of right of way through the Lundgren property. All work has been completed except for the underground tie in of the West Glacier loopfeed and removal of five service poles, which will be removed when service to one pump house is transferred. These poles will not interfere with project TQF-1-2(1)148 Unit 1. Relocation remains 90% complete with no estimated date of completion.

F-1-2(3)142 & LSF-1-257(5)
Hungry Horse-Coram Section
Scheduled for December 1979 Letting

Gene Piedalue, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520

No work the past period.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Design work will proceed as time permits. 166 man days have been used to date on design, which is approximately 18% complete.

RS-584-1(1)0 West Reserve Drive
Length - 2.2 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Flathead County is presently planning to temporarily improve the grade and alignment from Station 290± to Station 304±, using County personnel and equipment. The County has expressed their desire that the bridges, on the Whitefish and Stillwater Rivers, be constructed first and the roadway constructed at a considerably later date. No further design work is contemplated until a final decision is made by the County Commissioners on the Secondary status of the project.

F-5-2(03) Flathead County Line - South
Length - 7.5 Miles
Survey Authorized - July 5, 1977
Work Started - Sept. 19, 1977
Survey Suspended - April 14, 1978
Survey Resumed - October 2, 1978

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Field Survey Completed - June 15, 1979

All design and survey data have been submitted to Alpha Engineers, Inc., Butte, Montana.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977
Design Started - March 29, 1979

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Dec. 31, 1979

Eight man days were worked the past period on approach design and right of way limit design. Plan sheets and brownlines have been submitted to Helena for prints. A Plan-In-Hand will be scheduled in the near future, prior to a Design Public Hearing. 81 man days have been used to date on design, which is approximately 27% complete.

F-5-2(06)47 Ronan-U.S. 93 & "H" Street
Length - N/A
Survey Authorized - April 18, 1978
Design Started - May 30, 1979
Scheduled for September 27, 1979 Letting

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Design Completed - June 6, 1979

Plans are complete pending resolving problem of an objecting adjacent property owner.

H-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - October 1, 1979

There has been no work the past period. The location survey remains 94% complete. 1,528 man days have been used to date and work will resume August 20, 1979.

F-1-2(7)124 Flathead River Bridge
Length - 1.2 Miles
Survey Authorized - Sept. 27, 1978
Survey Started - October 16, 1978

Gene Piedalue, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520
Prob. Comp. Date - Oct. 1, 1979

There has been no work the past period. The field survey is 98% complete. The hard-shell is 75% complete and the HYD-1 for the Flathead River crossing will be completed when time permits. The survey is approximately 95% complete.

RS-212-2(1)14 Dixon-North
Length - 3.2 Miles
Photogrammetric Control
Survey Authorized - February 1, 1978
Survey Not Started

Gene Piedalue, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520

Work will start on photogrammetric control when personnel become abailable.

RS-325(2) Libby-Southeast
Length - 3.5 Miles
Survey Authorized - December 6, 1974
Survey Suspended - January 17, 1975

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - Pending

This survey will be resumed when personnel are available. It is approximately 3% complete.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975

Personnel Unassigned

Work not started due to all personnel assigned to other projects.

M6799(3) Kalispell Urban System Signing
Length - N/A
P.E. Authorized - January 31, 1977
Design Started - October 19, 1978
Design Completed - February 15, 1979

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717

The County Commissioners have agreed to participate in the furnishing of labor for the County's portion of this project, and the Traffic Unit was notified of this. The project will now be prepared for contract letting.

## C O N S T R U C T I O N

TQF-1-2(1)148 Unit 1 Coram-West Glacier
Clearing & Grubbing
Length - 3.7 Miles
Contract Let - June 28, 1979
Contract Awarded - July 24, 1979
Contract Amount - $167,540.00
Proceed Order - August 14, 1979
Work Started - August 6, 1979

Rock, Inc.
P.O. Box 2367
Great Falls, Montana 59403
Gene Piedalue, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520
Contract Time - 50 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

Progress has been good. Contractor started work August 6 working 5 - 8 hour shifts per week with 5 employees on a "hootowl" schedule. The fire line is 90% complete. The project as a whole is approximately 10% complete with 4% contract time elapsed. Construction layout is 90% complete with one inspector assigned.

F-1-2(9)115 & M6711(1) U-2
Batabia School Crossing & Signals
Length - 0.236 Miles
&
Evergreen School Traffic Signal & Striping
Length - N/A
Contract Joined for Letting
Contract Let - March 29, 1979
Contract Awarded - April 4, 1979
Contract Amount- $174,379.00
Proceed Order - April 25, 1979
Work Started - May 22, 1979

Rehbein Contracting, Inc.
Plains, Montana 59859
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 45 Working Days
Prob. Comp. Date - October 15, 1979
Effective Opening Date - N/A

F-1-2(9)115

Progress has been poor the past two weeks. The contractor and sub-contractor worked two days on seal and cover and uncovering the plastic striping. Plans to apply paint striping are set for August 20. Seeding will be accomplished when fall seeding dates arrive. Traffic services erected the signs and flasher poles, making their portion of the contract approximately 95% complete. Construction layout is 100% complete with no men currently assigned. The contract is approximately 98% complete with 98% of the contract time elapsed.

Progress has been good the past period by the sub-contractor, Pacemaker Industries, on this portion of the contract. Four to five men are employed working 5 - 8 to 9 hour days weekly. Work has consisted of hanging signal heads, controller, service and wiring. The project is now basically complete awaiting the arrival of the factory representative, now scheduled for August 23 for turn-on. This portion of the project is approximately 95% complete with 1 inspector assigned to the project.

F-1-2(8)81 Inters. U.S. 2 & FAS 556
Shoulder Erosion Correction
Length - 1.4 Miles
Contract Let - December 14, 1978
Contract Awarded - December 15, 1978
Contract Amount - $334,540.40
Proceed Order - April 16, 1979
Work Started - March 20, 1979

Rehbein Contracting, Inc.
Plains, Montana 59859
Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Contract Time - 50 Working Days
Project Completed - May 23, 1979
Effective Opening Date - N/A

The final was submitted to the Division office for checking, July 31, 1979 and will be forwarded to Helena about mid September.

F-5-3(2)127 Signals
Spokane & 4th - Whitefish
Length - N/A
Contract Let - May 3, 1979
Contract Awarded - May 10, 1979
Contract Amount - $8,994.00
Proceed Order - May 31, 1979
Work Not Started

Pacemaker Industries, Inc.
Spokane, Washington 99211
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 45 Working Days
Prob. Comp. Date- September 15, 1979
Effective Opening Date - N/A

The contractor received anchor bolts for this project and is to begin work on the underground portion of the contract the end of this week. The contract is 0% complete with 0% of the contract time elapsed. One inspector is assigned to the project.

F-41-1(2)0 Avon to Mont. 200 &
F-83-1(1)0 Clearwater Jct.-Bigfork Signing
Length - 123.6 Miles
Contract Let - June 23, 1978
Contract Awarded - June 23, 1978
Contract Amount - $55,805.88
Proceed Order - July 14, 1978
Work Started - October 15, 1978

Northern Rockies Const. Co.
Great Falls, Montana 59401
Ray Munsinger, Field Project Manager
Swan Lake, Montana 59911
Phone: 886-2131
Contract Time - 60 Working Days
Project Completed - July 27, 1979
Effective Opening Date - N/A

Semi final was submitted on August 2, 1979 and work on the final will begin as soon as personnel becomes available.

F-83-2(1)65 Swan Lake North & South Overlay
Length - 12.6 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $1,014,086.40
Proceed Order - April 21, 1978
Work Started - June 9, 1978

Baltrusch Const., Inc. Affiliates
Havre, Montana 59501
Ray Munsinger, Field Project Manager
Swan Lake, Montana 59911
Phone: 886-2131
Contract Time - 90 Working Days
Prob. Comp. Date - August 31, 1979
Effective Opening Date - N/A

Progress has been good this last reporting period. Contractor has completed all contract items except the shoulder widening, which is completed through station 400, the guardrail adjustments, which will begin shortly, the seal and cover, which will begin on approximately August 20, 1979, the striping and reclamation of pit area. Contactor has been working 5 - 10 to 12 hour shifts weekly with 45 men employed. Contract as a whole is approximately 92% complete with 98% contract time alspsed. Construction layout is approximately 92% complete with 9 engineering personnel assigned.

RS-DP-TQS 206-1(2)4 Half Moon-South Grade, Gravel, Pl. Mix Bit. Surf., Seal Cover, Signing
Length - 4.6 Miles
Contract Let - June 28, 1979
Contract Awarded - July 6, 1979
Contract Amount - $2,607,211.12
Proceed Order - July 27, 1979
Work Started - August 14, 1979

McIntyre Construction Co.
Great Falls, Montana 59403
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 160 Working Days
Prob. Comp. Date - October 1980
Effective Opening Date - Pending

Harp Line Constructors, contractor for Flathead Electric Co-op, completed their revisions on August 3, 1979. McIntyre Construction and Hanson Fence began operations August 14th and 15th respectively. Construction signs were placed and selected fence removal is presently underway. Stripping of topsoil is planned to begin on August 20, 1979. A 4 - 6 member engineering crew is assigned as other work loads permit, having the construction layout approximately 20% complete. The contract is 0% complete with 9% of contract time elapsed.

RS-212-2(2)5 Charlo North & South
Length - 12.6 Miles P.M. Overlay
Contract Let - March 29, 1979
Contract Awarded - April 4, 1979
Contract Amount - $784,682.25
Proceed Order - April 25, 1979
Work Started - May 3, 1979

Rehbein Contracting, Inc.
Plains, Montana 59859
Gene Piedalue, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520
Contract Time - 75 Working Days
Prob. Comp. Date - August 20, 1979

Progress has been good the past period. The contractor worked 5 - 10 hour shifts per week employing 15 to 20 persons. The seal and cover was completed August 8. Guardrail and signing was completed August 10 leaving striping to be completed. Project as a whole is approximately 98% complete with 94% contract time elapsed. Five State personnel are assigned and plan to move off the project August 20, 1979.

S-508-1(4)11
NW Troy-Yaak River-Rexford
Grade, Gravel, Surface, Road Mix Bit. Surf.
Length - 1.1 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $395,939.90
Proceed Order - April 21, 1978
Work Started - May 2, 1978

Clark Brothers Contractors
Victor, Montana 59875
Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Contract Time - 90 Working Days
Project Completed - August 2, 1979
Effective Opening Date - Sept. 22, 1978

The project was completed August 2, 1979. A Certificate of Completion was issued on August 8, 1979. The project was completed within the contract time using 88 of the 93 working days. One to five personnel working on final notes as time permits.

PMS 4140(52) Unit 8 Kalispell Division
Plastic Pavement Markings
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - August 2, 1978(Unit 8)

Swanston Equipment Company
Fargo, North Dakota
Gene Piedalue, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520
Contract Time - 90 Working Days
Prob. Comp. Date - Sept. 1, 1979
Effective Opening Date - N/A

No work the past period. The contractor plans to move in in the near future and begin tape replacement in areas lost last winter. No State personnel presently assigned.

M6711(1) Unit 1 Evergreen School
Bouncing Ball Flashers
Length - N/A
Contract Let - July 27, 1978
Contract Awarded - August 7, 1978
Contract Amount - $11,896.50
Proceed Order - August 28, 1978
Work Started - November 21, 1978

Harp Line Construction Company
Kalispell, Montana 59901
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 15 Working Days
Project Completed - July 10, 1979
Effective Opening Date - N/A

The project was completed on July 10, 1979 with 73% of the contract time elapsed. One man will be working on the final as time permits.

M6714(3) Center St. & 1st Ave. E. Kalispell
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 23, 1977
Contract Amount - $939,975.18
Proceed Order - September 13, 1977
Work Started - April 4, 1978

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 120 Working Days
Project Completed - July 26, 1979
Effective Opening Date - Oct. 4, 1978

M6714(3) Center St. & 1st Ave. E. Kalispell (cont'd)

The sub-contractor, Western Sign Corp., installed the modified street lights between July 19, 1979 and July 26, 1979. The project was completed on July 27 and a Certificate of Completion issued on July 31, 1979. The contractor used 95% of contract time. One to two men are working on the final and supporting data as work loads permit. Tentative submittal date to the Division office is October 1, 1979.

SMP 1699-79 Maint. Crushing
3 Crusher Setups in Flathead & Sanders Co.
Contract Let - May 3, 1979
Contract Awarded - May 10, 1979
Contract Amount - $134,520.00
Proceed Order - May 31, 1979
Work Started - July 2, 1979

B & N Construction, Inc.
Couer d'Alene, Idaho 83814
John Kalien, Materials Supv.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 50 Working Days
Prob. Comp. Date - Sept. 14, 1979

Progress the past period has been slow. Contractor is working 1 - 10 to 12 hour shift 6 days a week. Has completed the 1/2" CTS in pit No. 1520-75 and is presently crushing 3/8" cover materials. One State employee testing and recording scale weights. Contractor has informed us that he will start double shifting today making cover materials. Contract is 57% complete with 88% time elapsed.

for Thomas J. Barnard, P.E.
Supv. Div. Const. Section

TJB:HAS:mjb

Department of Highways

Butte, Montana

August 16, 1979

RECEIVED
AUG 20 1979
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending August 14, 1979. The weather has been warm with rain showers and temperatures ranging from +39° to +94°.

## P R E C O N S T R U C T I O N

RF 8-1(4)34
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511⅓ man days expended to date. Line and Levels run are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

F 8-2(11)41
Euclid Avenue Storm Drain
Design
Lewis & Clark County

Stahly Engineers
Helena, Montana
Probable Completion Date:
Unknown

No report received. Project as a whole is 33% complete.

I 15-3(12)150 P.E.
Bernice Basin
Design
7.1 Miles
Jefferson County

Morrison-Maierle, Inc.
Helena, Montana
Probable Completion Date:
December 31, 1980

No report received. Project as a whole is 10% complete.

S 34(4) Section 2
Jackson North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linems and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 55-3(1)2
Whitehall Storm Drain
Location Survey
0.00 Miles
Jefferson County

L.C.Hanson Company
Helena, Montana
Estimated Completion Date:
December 5, 1979

Work the past period consisted of gathering data and drafting base maps. Project as a whole is 5% complete.

DP 280-1(3)11
Montana York Bridge
Preliminary Plans
0.9 Miles
Lewis & Clark County

Henningson, Durham &
Richardson Inc. of Montana
Helena, Montana
Probable Completion Date:
September 14, 1979

No report received. Project as a whole is 40% complete.

M 0299(4)
Anaconda Urban Street
Location Survey
1.0 Miles
Deer Lodge County

John T. McGeever, Manager
Field Project
Anaconda, Montana
Probable Completion Date:
October 19, 1979

Work is suspended, crew on construction project. There is a total of 31 man days used to date. Line run is 100% complete. Project as a whole is 10% complete.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver Bow County

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
September 21, 1979

RS 393-1(2) Cont'd

Work during the period consisted of compiling data for the 40 & 50 mph design speed on both the projected and the staked line. X-sections, templates, construction limits & grades were prepared to send to Helena for determination of the best possible horizontal and vertical alignment to use. A three man crew used 14 man days for a total of 278 days. Preparing plan sheets, reducing notes and plotting and inking cross sections are 85% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 68% complete. Designing drainage and irrigation structures, road approaches and incidentals are 52% complete, drafting of summaries and title sheet are 48% complete. Design work on projecting centerline to reduce the number of conflicts with the Butte Water Company water main is 60% complete. Design work on the project as a whole is 42% complete.

RS 441-1(1)0
Gregson Road
Desgin
Silver Bow County
2.969 Miles

Raymond M. Grant
Designer III
Butte, Montana
Estimated Completion Date:
September 1, 1979

No work during the past period. A three man crew expended 0 man days for a total of 470 man days used to date. Preparing plan sheets, reducing notes, and plotting and inking cross sections are 100% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 100% complete. Design of drainage and irrigation structures, road approaches and incidentals are 98% complete and making Plan-In-Hand changes are 100% complete. Design of the project as a whole is 99% complete.

S 549-1(1)0
Whitehall-Jefferson Island
Design
3.920 Miles
Jefferson & Madison Counties

Raymond M. Grant
Desinger III
Butte, Montana
Probable Completion Date:
Unknown

It is anticipated that design work will resume on the project when the topography has been updated. The mylar and profile plotted, the plan and profile linens traced and the cross sections plotted and inked are all 100% complete. Design remains 10% complete with 40 man days used to date.

M 1810(1)
Grand Ave. Butte
Design
1.37 Miles
Silver Bow County

S&A Engineers
Helena, Montana
Probable Completion Date:
September 14, 1979

## PRECONSTRUCTION

M 1810(1) Cont'd

Received preliminary comments on signing and striping from Traffic Design. Continued work on Signing and Lighting Plans. Completing R/W Plans. Street Plans final Plan-In-Hand was held July 23, 1979. Project as a whole is 79% complete.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave. 6th to Lawrence
Location and Design
1.8 Miles
Lewis and Clark County

City of Helena
Helena, Montana
Probable Completion Date:
September 28, 1980

Survey 80% complete on M-5807(1) & M-5807(2). Preliminary design 10% complete on M-5807(1).

## CONSTRUCTION

FF 8-1(1)0
Garrison East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting and Signing
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Started: November 14, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Lima, Mt. Tel. 276-3403
Contract Time: 130 Working Days
Completion Date:
November 7, 1978
Effective Opening Date: 7/15/78

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be submitted to Helena on April 18, 1980.

F FF 8-2-(5)46 Unit 2
East Helena East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting and a
Dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $1,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Robert T. Wilson, Manager
Field Project (Road)
Butte, Mt. Tel. 792-1797
Albert Reather, Manager
Field Project (Bridge)
Boulder, MT. Tel. 225-4330
Contract Time: 200 Working Days
Completion Date:
June 11, 1979
Effective Opening Date: 11/2/78

Final Inspection and Acceptance June 11, 1979. It is estimated that Final Data will be sent to Helena October 17, 1980.

F 8-2(10)42
Traffic Control Devices, Intersection
Henderson St. & Euclid Ave. - Helena
0.00 Miles
Lewis & Clark County
Contract Let: October 27, 1977
Bid Price: $32,673.00
Work Started: September 7, 1978

S&S Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Montana Tel.442-9762
Contract Time: 30 Working Days
Completion Date:
June 26, 1979
Effective Opening Date: N/A

Final Inspection and Acceptance June 29, 1979. It is estimated that Final Data will be sent to Helena on November 21, 1980.

F 8-2(17)44
Signal Modification-Int.of
Montana Ave. with 11th Ave. & Prospect
Ave. - Helena
0.00 Miles
Lewis & Clark
Contract Let: May 3, 1979
Bid Price: $41,030.00
Work Not Started

Pacemaker Industries, Inc.
Spokane, Washington
Gerald Ditto, Manager
Field Project
Helena,MT. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
September 28, 1979
Effective Opening Date: N/A

Preconstruction Conference held June 8, 1979.

F 8-2(18)45
Instersection Improvement, 11th Ave.
and Fee St. - Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $119,573.00
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, MT. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
October 12, 1979
Effective Opening Date: N/A

Preconstruction Conference held June 8, 1979.

F 8-4(1)77 Unit 1
Plant Mix Overlay Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Started: October 4, 1978

Meyer Construction Company
Billings, Montana
Jack Erickson, Manager
Field Project
Butte, MT Tel. 494-4172
Contract Time: 90 Working Days
Probable Completion Date:
August 31, 1979
Effective Opening Date: 11/29/78

F 8-4(1)77 Unit 1 Cont'd

No work the past period. Project as a whole is 98% complete with 95% of the contract time elapsed. Construction layout as a whole is 99% complete with 6 Engineers engaged.

I IG 15-1(44)0 &
I IG 15-1(46)9 U1
Monida North & Lima South (South Section)
Add 2 Lanes, Signing and Structures
12.6 Miles
Beaverhead County
Contract Let: August 24, 1978
Bid Price: $6,673,310.83
Work Started: October 16, 1978

General Construction Company
Butte, Montana
Irvin Broell, Manager
Field Project (Road)
Lima, MT. Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridge)
Lima,MT. Tel. 276-3578
Contract Time: 220 Working Days
Probable Completion Date:
November 16, 1980
Effective Opening Date:

Road
Work the past period consisted of conducting grading operations and installing culverts. Contractor employed 70 men for 20-8 hour shifts. Project as a whole is 21% complete with 35% of the contract time elapsed. Construction layout as a whole is 88% complete with 6 Engineers and 4 Inspectors engaged.
Bridges
Progress the past two weeks was good.
Snowline Interchange: at Sta. 2888 + 20: Formed, Placing and Typing Reinforcing steel, and placed Concrete for Abut. No. 1 and No. 4 Wall & Wings, Columns for Bent No. 2 and No. 3 S.B. and Crossbeams for Bent No. 2 and No. 3 N.B.
Monida Interchange at Sta. 3365+00: Set Prestressed 45' Type A Beams for Span No.2 S.B.
Seperation at Sta. 3222+00: No Work
Bridge Over Junction Creek Rt. of Sta. 2724+17: No Work
Bridge Over UPRR at STa. 3306+70.65: Structure Excavation for Bent No.2 and No.3 S.B.
Bridge over Junction Creek rt of Sta. 2750+00: Structure Excavation for Abut. No. 2 and Abut. No. 1.
Bridge over Junction Creek rt of Sta. 2774+75: No Work
Percentages complete for the items are as follows: Class AD Concrete 29%; Reinforcing Steel 15%; Str. Excavation 52%; Drive Steel Bearing Pile 40%; Furnish Steel Bearing Pile 40%; Prestressed Beam Type A 45' 100%. The Structures as a whole is 14% complete. The Contractor worked ten (10) eight (8) hour shifts and Employing an average of fourteen (14) men.

I IG 15-1(46)9 Unit 2
Lima South (North Section)
Add 2 Lane - Grading, Surfacing
and construction of a 118.0' prestressed
conc. girder O'Pass (Lima Int.) and a
481.0' composite st'l. & Conc. Girder
Bridge (Over U.P.R.R.)
4.4 Miles
Beaverhead County
Contract Let: May 3, 1979
Bid Price: $3,398,814.92
Work Started: May 16, 1979

General Construction Co.
Butte, Montana
Joseph Bettle, Manager
Field Project (Road)
Lima, Mt. Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridges)
Lima, Mt. Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date:
October 30, 1980
Effective Opening Date:

Road
Work the past period consisted of installing culverts and conducting grading operations. The contractor employed 4 men for 5-8 hours shifts. Project as a whole is 12% complete with 8% of the contract time elapsed. Construction layout as a whole is 97% complete with 6 Engineers and 1 Inspector engaged.
Bridges
Progress the past two weeks was poor.
Lima Interchange at Sta. 2590+00: Structure Excavation for Bent No.2 and No.3 S.B. Formed, Placing and tying Reinforcing Steel, and Placed Concrete for Footings at Bent No. 2 and No. 3 S.B.
Bridge over U.PR.R. at Sta. 2713+00.06: No Work
Percentages complete for the items are as follows: Furnished SteelBearing Piling 48%; Drive Steel Bearing Piling 48%; Structure Excavation 7%; Class AD Concrete 6%; Reinforcing Steel 3%. The structure as a whole is 3% complete. The Contractor worked five (5) eight (8) hour shifts employing an average of five (5) men.

I 15-1(51)37 U1
Structures & Approaches on
Armstead North & South
Construction of a Prestressed Concrete
Girder Structures and Approaches
0.00 Miles
Beaverhead County
Contract Let: July 26, 1979
Bid Price $506,064.63
Work Not Started

Goodwin Construction Co.
Blackfoot, Idaho
Robert Gilman, Manager
Field Project
Dillon, MT
Contract Time: 130 Working Days
Probable Completion Date:8/8/80
Effective Opening Date: N/A

Preconstruction Conference is scheduled for August 23, 1979.

I 15-2(27)134 &
I 15-3(25)134 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall,MT. Tel. 287-5601
Contract Time: 250 Working Days
Completion Date:
September 13, 1978
Effective Opening Date: 6/27/78

Checking of Final Data is progressing in Division Office. It is estimated that Final Data will be submitted to Helena on September 14, 1979.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,
Fencing and Signing
2.4 Miles
Jefferson County
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: September 14, 1976

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Whitehall, MT-Tel.287-5601
Contract Time: 150 Working Days
Completion Date:
September 13, 1978
Effective Opening Date: 6/27/78

Final Data is in Division Office, but checking has not been started. It is estimated that Final Data will be submitted to Helena on January 13, 1980.

I 15-3(29)160 Unit 1
Structure & Approaches on the Basin
Boulder Road
Construction of a prestressed concrete
Girder Bridge
0.36 Miles
Jefferson County
Contract Let: March 30, 1978
Bid Price: $295,635.44
Work Started: May 3, 1978

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
Boulder, MT. Tel. 225-4330
Contract Time: 130 Working Days
Completion Date: Nov. 17, 1978
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be submitted to Helena September 2, 1980.

I 15-3(29)160 U 2
Structure & Approaches on
The Basin-Boulder Road
Construction of a dual prestressed
concrete girder bridge (two)
0.032 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $577,140.45
Work Started: July 9, 1979

McIntyre Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
Boulder, MT Tel. 225-4330
Contract Time: 160 Working Days
Probable Completion Date:
August 8, 1980
Effective Opening Date: N/A

Work the past period consisted of driving steel piles. The contractor employed 9 man for 10-8 hour shifts. Project as a whole is 10% complete with 17% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers engaged.

I 15 -3(29)160 U3
Structure & Approaches on
Boulder-West Road
Construction of a precast concrete
girder bridge (four)
0.111 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $1,616,808.00
Work Started: August 8, 1979

Morgen & Oswood Const.Co.,Inc.
Great Falls, Montana
Albert Reather, Manager
Field Project
Boulder, Mt Tel. 225-4330
Contract Time: 220 Working Days
Probable Completion Date:
October 17, 1980
Effective Opening Date: N/A

Work the past period consisted of building work bridge at the 1468+54 site and tying rebar. The contractor employed 7 men for 5-8 hour shifts. Project as a whole is 0% complete with 11% for the contract time elapsed. Construction layout as a whole is 90% complete with 4 Engineers engaged.

I 15-3(29)160 U4
Structure & Approaches on the
Boulder-West Road
Construction of a dual concrete
slab bridge & approaches
0.015 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $307,941.15
Work Started: July 17, 1979

Frontier West Inc.
Missoula, Montana
Larry Brazda, C.E.3
Boulder, Mt. Tel 225-4330

Contract Time: 130 Working Days
Probable Completion Date:
May 16, 1980
Effective Opening Date: N/A

Work the past period consisted of constructing approaches & driving test piles. The contractor employed 3 men for 5-8 hour shifts. Project as a whole is 28% complete with 25% of the contract time elapsed. Construction layout as a whole is90% complete with 4 Engineers engaged.

I IG 15-3(32)157 U1
Structure Basin East
Construction of a prestressed concrete
Girder Bridge
0.02 Miles
Jefferson County

Goodwin Const. Co.
Blackfoot, Idaho
Larry Brazda, C.E.3
Boulder, Mt Tel.225-4330
Contract Time: 130 Working Days

I IG 15-3(32)157 U1 cont'd

Contract Let: May 31, 1979
Bid Price: $317,475.62
Work Started: July 17, 1979

Probable Completion Date:
June 20, 1980
Effective Opening Date: N/A

Work the past period consisted of placing reinforcing steel and pouring class DD Concrete. Contractor employed 4 man for 4-10 hour shifts. Project as a whole is 10% complete with 21% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 Engineers engaged.

F 19-1(6)5
Intersection Lighting U.S. 10A and
Montana 48-3 Miles East of Anaconda
Installation of Luminaires
0.00 Miles
Deer Lodge County
Contract Let: May 31, 1979
Bid Price: $10,188.00
Work Not Started

Midland Electric Co.
Billings, Montana
John McGeever, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 30 Working Days
Probable Completion Date:
October 26, 1979
Effective Opening Date: N/A

Preconstruction Conference has not been held.

F 19-1(7)7
Park Ave. - Anaconda
Grading, Agg. Surf., Plant Mix
Bit. Base, Pl. Mix Bit. Surfacing,
Seal & Cover, Lighting & Traffic
Signals
1.2 Miles
Deer Lodge County
Contract Let: September 28, 1978
Bid Price: $993,662.00
Work Started: May 7, 1979

Jim Gilman Excavating Inc.
Butte, Montana
John T. McGeever, Manager
Field Project
Anaconda, Mt. Tel 563-2321
Contract Time: 90 Working Days
Probable Completion Date:
October 31, 1979
Effective Opening Date:

Work the past period consisted of conducting various construction activities. The contractor employed 25 men for 9-8 hour shifts. Project as a whole is 22% complete with 60% of the contract time elapsed. Construction layout as a whole is 40% complete with 4 Engineers and 1 Inspector engaged.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregage Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing and Fencing
2.5 Miles
Powell & Lewis & Clark Counties

Meyer Construction Company
Billings, Montana
Delbert Michels, E.T.3
Helena, Mt. Tel. 449-3031
Contract Time: 240 Working Days
Completion Date:

FH 28-1(3) cont'd

Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

September 1, 1978
Effective Opening Date: 9/9/77

Checking of Final Data in Division Office is suspended awaiting data from field office. It is estimated that Final Data will be sent to Helena on September 28, 1979.

F 29-4(4)86
Ramp Modification Harrison Avenue Interchange
Ramp Modifivation, Curb & Gutter, Sprinkler System, Lights and Signing
0.00 Miles
Silver Bow County
Contract Let: May 3, 1979
Bid Price: $138,910.50
Work Started: July 9, 1979

Jim Gilman Excavating Inc.
Butte, Montana
John McGeever, Manager
Field Project
Butte,MT-Tel.792-1797
Contract Time: 55 Working Days
Probable Completion Date:
September 21, 1979
Effective Opening Date: N/A

Work the past period consisted of conducting various construction activities. The contractor employed 15 men for 7-8 hour shifts. Project as a whole is 45% complete with 50% of the contract time elapsed. Construction layout as a whole is 60% complete with 3 Engineers and one Inspector engaged.

F 49-2(2)16
Twin Bridges - South
Pl. Mix Bit. Surf., Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,068.85
Work Started: October 30, 1978

Meyer Construction Co.
Billings, Montana
Jack Erickson, Manager
Field Project
Butte, MT-Tel.494-4172
Contract Time: 90 Working Days
Probable Completion Date:
August 30, 1979
Effective Opening Date: N/A

No work the past period. Project as a whole is 99% complete with 60% of the contract time elapsed. Construction layout as a whole is 100% complete.

I IG 90-3(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg. length dual composite steel and concrete girder bridge (Over Burlington Northern Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05

General Construction Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 280 Working Days
Probable Completion Date:
August 31, 1979
Effective Opening Date: N/A

I IG 90-3(27)172 Unit 1 cont'd

Work Started: July 27, 1977

Progress during the past period was fair. Work consisted of: (E.B.) painting spot & prime coat on the steel br. rail & final coat on the exterior sides of girders, all spans & part of structural steel Span No. 1 & No. 5; installing drainage system Abut No. 1 & Bt. No. 3 & grinding on deck high areas. (W.B.) painting final coat on the exterior sides of girders, all spans & part of structural steel Span No. 1 & installing drainage system Abut. No. 1. Percentage complete for the items are as follows: Structural Steel 99%; Br. Rail, 98%; Drainage System, 85%; Protective Coat, 49%; all other items, 100%. The structure as a whole are 98% complete with 263 of the 283 working days used or 93% of the contract time elapsed. During the past period the cont'r. (General Const. Co.) worked 5-8 hour shifts with an average of 6 men employed. Construction layout is 99% complete.

I IG 90-3(27)172 U2 & FF 88-1(1)1
Garrison East & West (West Section)
and Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing and Lighting on 4.2 Miles
of Project I IG 90-3(27)172 U2
and Widening, Pl. Mix Bit. Surf.,
Signing and Lighting on 0.7 Miles
of Proj. F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Construction Co.
Missoula, Montana
Bill Bork, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date: 10/13/79
Effective Opening Date:

Work the past period consisted of installing fence and erecting guardrail. The contractor employed 10 men for 8-8 hour shifts. Project as a whole is 94% complete with 73% of the contract time elapsed. Construction layout as a whole is 98% complete with 4 Engineers and 3 Inspectors engaged.

I IG 90-3(27)172 Unit 3
Structure on Garrison East
& West (West Section)
Construction of a dual 692.5' Avg.
Prestressed Concrete Girder Bridge
(Over B.N.R.R.), a dual
131.5' prestressed concrete girder
Bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: September 29, 1977
Bid Price: $1,922,459.45
Work Started: January 11, 1978

General Construction Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Garrison, Montana Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date:
September 27, 1979
Effective Opening Date: N/A

I IG 90-3(27)172 Unit 3 Cont'd.

Progress during the past period was good. Work consisted of: Sta. 94+59.70 (E.B.) finishing on Bt. No. 4 & No. 5 crashwall, col's. & crashwalls; stripping underside of deck, cleaning pre-beams, plugging deck form hanger holes & finishing diaph's. Span No's. 1,4,5&6 & erecting steel br. rail. (W.B.) forming on Inter. Diaph's. Span No. 5,6,&7, end diaph's. over Bt. No. 6 & No. 7, deck & overhang Span No. 6 & No. 7 & Bt. No. 8 bk. & wingwalls, the steel Br. Rail arrived & stored. Sta. 137+69.25 (E.B.) placing all deck concrete. The steel br. rail arrived & stored. (W.B.) placing, stripping and finishing all curb & end post concrete; stripping and finishing Bt. No. 1 & No. 3 bk. & wingwallls, part of Span No. 1 & No. 3 underside of deck & inter. diaph's. & part of Span 1 Lt. & Rt. overhang. The steel br. rail arrived & stored. Percentage complete for the items are as follows: Mobilization, 100%; Conc. Cl AD, 100; Conc. Cl BD, 57%; Pre-Beams Ty A & 4, 100%; Struct. Steel, 77%; Struct. Excav.-Ty. I & II, 100%; Shoring & Cribs, 98%; Steel Brg. Pile Test, Furn. & Drive, 100%; Reinf. Steel, 75%; Br. Rail, 41%; Br. Drains, 50%; Elasto Brg. Device-Fix & Exp., 100%. The structure as a whole are 86% complete with 200 of the 250 working days used or 80% of the contract time elapsed. During the past period the cont'r. (General Const. Co.) worked 10-8 hr. shifts with an average of 22 men employed. Construction layout is 86% complete.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 Unit 1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Work Started: June 10, 1976

Washington Construction Co.
Missoula, Montana
John T. McGeever, manager
Field Project (Road)
Anaconda, Mt. Tel. 563-2321
Loren Matkin, Manager
Field Project (Bridge)
Garrison, Mt. Tel. 846-3355
Contract Time: 300 Working Days
Completion Date:
October 13, 1978
Effective Opening Date: 9/18/78

Road

Checking of road portion by Division Personnel is completed. Awaiting bridge notes from Field Office. It is estimated that Final Data will be submitted to Helena on November 16, 1979.

Bridges

All work on the structures was completed on September 29, 1977 and an inspection of these structures was made on October 11, 1977.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Fencing and
The construction of a 303.76' steel
Girder Underpass (Beckhill Interchange)
and one 21.33' slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976

Max J. Kuney
Spokane, Washington
Claude Flynn, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Dillon, Montana
Contract Time: 240 Working Days
Completion Date:

I IG 90-3(39)176 Cont'd.
Bid Price: $3,178,181.56
Work Started: June 30, 1976

July 20, 1978
Effective Opening Date: 9/18/78

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be submitted to Helena December 21, 1979.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack North & South and Warm Springs North & South
Aggregate Surfacing, Plant Mix Surfacing and Signing
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30
Work Started: February 28, 1978

Hilde Const. Co. Inc.
Great Falls, Montana
John T. McGeever, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 180 Working Days
Completion Date:
November 17, 1978
Effective Opening Date: 9/18/78

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be submitted to Helena on August 29, 1980.

IR 90-3(46)180
Deer Lodge North & South
Plant Mix Overlay
8.6 Miles
Powell County
Contract Let: June 28, 1979
Bid Price: $1,199,967.70
Work Not Started

Meyer Construction Co.
Billings, Montana
Claude Flynn, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1694
Contract Time: 70 Working Days
Probable Completion Date:
November 16, 1979
Effective Opening Date: N/A

Preconstruction Conference was held August 13, 1979.

I 90-3(48)176
Garrison East & West (East Section)
Plant Mix Surfacing, Seal and Cover
3.3 Miles
Powell County
Contract Let: March 29, 1979
Bid Price: $366,706.75
Work Started: May 9, 1979

Zook Brothers Const. Co.
Great Falls, Montana
Claude Flynn, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1694
Contract Time: 60 Working Days
Probable Completion Date:
Sept. 28, 1979
Effective Opening Date:

No report received. Project as a whole is 63% complete with 77% of the contract time elapsed. Construction layout as a whole is 100% complete with 4 Engineers engaged.

I 90-5(33)264
Milligan Canyon to Jct. 287
Pl. Mix Bit. Overlay and Assoc. Work
10.5 Miles
Jefferson and Broadwater Counties
Contract Let: July 27, 1978
Bid Price: $5,027,682.09
Work Started: March 19, 1979

McIntyre Const. Co.
Great FAlls, Montana
Frank Caprara, Manager
Field Project
Whitehall, Mt. Tel. 287-5601
Contract Time: 200 Working Days
Probable Completion Date:
July 11, 1980
Effective Opening Date:

No report received. Project as a whole is 25% complete with 26% of the contract time elapsed. Construction layout as a whole is 70% complete.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing and Fencing
4.1 Miles
Lewis & Clark County
Contract Let: December 16, 1976
Bid Price: $2,865,627.44
Work Started: January 24, 1977

Meyer Construction Co.
Billings, Montana
Delbert Michels, E.T. 3
Helena, Mt. Tel. 449-3031
Contract Time: 240 Working Days
Completion Date:
July 17, 1979
Effective Opening Date: 11/2/78

Final Inspection and Acceptance July 20, 1979. It is estimated that Final Data will be sent to Helena October 17, 1980.

HHS 280-1(2)U2
Traffic Control Devices
Warren School Curves
0.00 Miles
Lewis & Clark County
Contract Let: May 31, 1979
Bid Price: $16,765.40
Work Not Started

LaSalle Const.
Havre, Montana
Gerald Ditto, Manager
Field PRoject
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
October 19, 1979
Effective Opening Date: N/A

Preconstruction Conference was held July 12, 1979.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix Bit. Surf. and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $966,307.40
Work Started: July 7, 1977

Zook Brothers Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 120 Working Days
Completion Date:
November 8, 1978
Effective Opening Date: 5/19/78

M 0299(3) Cont'd.
Final Data is in Division Office but checking has not started. It is estimated that Final Data will be submitted to Helena on June 20, 1980.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of a prestressed concrete
Girder Bridge and Grading, Agg. Surf.,
and Road Mix Surf. of the approaches
0.2 Miles
Madison County
Contract Let: Sept. 28, 1977
Bid Price: $557,136.64
Work Started: November 4, 1977

McIntyre Const. Co. and
S. Birch Inc.
Great Falls, Montana
Harold Wiebe, Manager
Field Project
Lima, Mt. Tel. 276-3578
Completion Date:
July 10, 1979
Effective Opening Date: 10/31/78

Final Inspection and Acceptance July 10, 1979. It is estimated that Final Data will be submitted to Helena November 21, 1980.

M 5805(4)
Traffic Control Devices and Lighting
on Park Ave. Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 25, 1978
Bid Price: $136,636.66
Work Started: April 6, 1979

Allen Electric Inc.
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 35 Working Days
Completion Date:
August 1, 1979
Effective Opening Date: N/A

Final Inspection and Acceptance is pending. It is estimted that Final Data will be submitted to Helena November 20, 1980.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks and Related Items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Const. Co. Inc.
Butte, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Completion Date:
May 15, 1979
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be submitted to Helena on October 17, 1980.

FOR Kenneth G. Rapp, P.E. Supervisor
Division Construction Section-Butte

KGR/GBH/MJJ/md

August 17. 1979

P.O. Box 1110
Bozeman, Montana 59715

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two-week period ending August 17, 1979. Daytime temperatures have ranged between 60° and 85° and one day was lost on most projects due to excessive rain.

## PRECONSTRUCTION

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( )24
8 Mi. So. of Cameron - So.
Length - 6.0 Miles

Engineer Unassigned

All requested field work has been completed.

F. 13-1( )30
3 Mi. So. of Cameron - So.
Length - 5.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

Design - Alpha Engineers, Inc.
Estimated Completion: 12-1-79

The final plan-in-hand inspection was held on July 26, 1979, and the contractor is in the process of preparing the plan-in-hand report and performing final checking and preparation of the plans. The final plans are now 30% complete and the design of this project is approximately 95% complete.

F 50-2(4)79
Bozeman - West
Approx. Length - 9 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, Montana
Consulting Engineers

At the last report the design of this project was 45% complete and the consultant has asked for a field review of the project.

F 59-1(4)14 U-2
Clyde Park - North
Length - 5.9 Miles

Donald J Coughlin, FPM
Phone: 222-7737 Livingston

A seven-man engineering crew has been slope staking on this project which is scheduled to be let on November 29, 1979.

F 64-1(4) U-2
Big Sky Spur
Length - 6.2 Miles

Harold G. Heath, FPM
Phone: 995-4856 Big Sky

Two five-man survey crews have been staking right-of-way lines and slope staking for this project which is currently scheduled for the August 23, 1979 letting.

HES 86-1( )1
Int. of FAP 86 & FAS 536

Engineer Unassigned

All requested field work has been completed.

F 86-1(3)23
Park County Line - South
Length - 8.1 Miles

Donald J. Coughlin, FPM
Phone: 222-7737 Livingston

With the exception of the hydraulic survey of "Fairy Creek" at Station 149+30, the irrigation surveys and the cross section extensions requested October 16th, all field work has been completed.

F 86-1(4)18
8 Mi. South of Park County Line - South
Length - 6.0 Miles

Ole F. Olson, FPM
Phone: 586-5074 Bozeman
Larry O. Williams, Designer III
Phone: 586-9562 Bozeman

The field designer has been placing the projected line and profile on the linens. The design of this project is now 7% complete.

HHS 86-1(5)3
Bridger Canyon
Length - 1.8 Miles

Ross M. Johnson, FPM
Phone: 586-5074 Bozeman
Estimate Completion: 10-15-79

With the exception of the hydraulic survey for the 1500' approach road over Bridger Creek, all field work has been completed. A total of 695 man-days have been expended on this location survey which is now 89% complete.

IR 90-3(50) U-1
Interstate Bridges
Sliding Plate Expansion Joints

Engineer Unassigned

No information has been requested from the field to date.

I 90-6(36)315 U-3
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-6(42)315
Bozeman Pass West
PMS

Engineer Unassigned

This project is scheduled for the letting of September 27, 1979.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Ross M. Johnson, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

I 90-7(35)364 U-6
Big Timber - Greycliff (W Sect.)
Length - 2.1 Miles

Ross M. Johnson FPM
Phone: 586-5074 Bozeman

A five-man engineering crew has been running center line and slope staking for the interchange ramps at Station 1730± , The access road between Stations 1700 and 1729 and the cemetery road. Slope staking for this project is now complete. The project is scheduled to be let to contract on August 23, 1979.

I 90-7(35)364 U-7 (Mid Sect.)
Big Timber - Greycliff
Length - 2.1 Miles

Ross M. Johnson, FPM
Phone: 586-5074 Bozeman

This project is scheduled to be let to contract on August 23, 1979.

I 90-7(36)318 U-2
Bozeman Pass - East
Rest Area

Engineer Unassigned

All work requested from the field has been completed.

I 90-7(37)350
Springdale - Big Timber (W. Sect.)
Length - 7.8 Miles

George A. Sitton, FPM
Phone: 932-2485 Big Timber

This project is presently scheduled for the November 29, 1979 letting.

I 90-7(40)332
Snow Fence - Livingston E & W
Approx. Length - 5.0 Miles

William G. Shuyler, FPM
Phone: 222-1795 Livingston

This project is currently scheduled for the letting of August 23, 1979.

I 90-7(41)359
Springdale - Big Timber (E. Sect.)
Length - 5.6 Miles

Ross M. Johnson, FPM
Phone: 586-5074 Bozeman

A five-man survey crew has been running center lines and right-of-way lines. These have been completed for this project which is scheduled to be let to contract on August 23, 1979.

I 90-7(44)318
Bozeman Pass - East
PMS

Engineer Unassigned

All work requested from the field has been completed and this project is scheduled for the September 27, 1979 letting.

F 91-1(2)0
Big Timber - East & West
Signs, Traffic Control Devices

Ross M. Johnson FPM
Phone: 586-5074 Bozeman

This project is scheduled for the letting of August 23, 1979.

HES-HHS 205-1(1)28 U-2
North of Bozeman
Right Turn Lane

Engineer Unassingned

All requested field work has been completed.

RS 411-1(1)0
Springhill Road
Length - 5.3 Miles

Ole F. Olson, FPM
Phone: 586-Bozeman

The information requested by the Preconstruction Bureau on July 13, 1979, will be obtained as men are available.

S 478-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone: 586-9562 Bozeman
Estimated Completion: 1980

There was no work on this design during the past period and it remains 33% complete.

RS 540-1(1)0
East River Road - Park Co.
Length - 23.0 Miles

Engineer Unassigned

An informational public hearing was held the evening of December 7, 1978.

RS-BRS 563-1(3)0 U-2
Springdale - Hunters' Hot Springs
Length 1.7 Miles

Donald J. Coughlin, FPM
Phone: 222-7737 Livingston

All requested field work has been completed.

M 1201(1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The final plan-in-hand review was held on April 2, 1979.

M 1202(1)
Oak Street - Bozeman
Approx, Length - 0.8 Mile
Survey Started: July 26, 1976

Engineer Unassigned

All Requested Field work has been completed.

M 1212(1)
Kagy Lane from Willson to Highland
Design Bozeman
Approx. Length - 1.1 Miles

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The final plan-in-hand inspection was held on April 2, 1979.

M 1212(4) Engineer Unassigned
Kagy, from 3rd to 19th - Bozeman
Length - 1.0 Mile

This location survey has not been started to date.

M 7403(3) Morrison-Maierle, Inc.
5th St., Park to Front - Livingston
Design
Length - 0.1 Mile

This project is scheduled to be let to contract on October 25, 1979.

M 7404(3) Morrison-Maierle, Inc.
Front St., from Main to Cemetery-
Design Livingston
Length - 1.5 Miles

This project is scheduled to be let to contract October 25, 1979.

M 7406(1) Morrison-Maierle, Inc.
Main, Chinook & Gallatin-Livingston
Design
Approx. Length - 1.3 Miles.

All plans were approved and accepted on April 25, 1979. The design of this project is now 100% complete.

F 29-1(7)12
Virginia City Hill Truck Ramp
Contract Awarded: July 27, 1979
Contract Amount: $101,142.00
Proceed Order Date: August 17, 1979
Work Started:

Baltrush Const. Co. Inc.,& Affiliates
Havre, Montana
Ole F. Olson, FPM
Phone: 586-5074 Bozeman
Contract Time: 30 Working Days
Effective Opening Date:
Probable Completion Date: October 10, 1979

The preconstruction conference was held on August 15, 1979 and the contractor plans to begin work on August 20, 1979. This contract is 0% complete with 3% of the contract time elapsed. The contractor has 29 working days of contract time remaining.

HES 50-2(8)81 & HES-HHS 205-1(1)28 U-2
Int. of FAP 50, 84 & 85 & Guardrail
BN Overpass North of Bozeman
Right Turn Lane - Guardrail
Contract Awarded: June 29, 1979
Contract Amount: $105,576.85
Proceed Order Date: July 20, 1979
Work Started: July 25, 1979

Barnard Construction Co.
Bozeman, Montana
Ole F. Olson, FPM
Phone: 586-5074 Bozeman
Contract Time: 45 Working Days
Probable Completion: 9-28-79
Effective Opening Date:

Progress has been good with contractor employing between 3 and 12 men. Work on the BN Overpass portion of this contract has been completed with the exception of guardrail installation. This work is now in progress. At the Four Corners' portion of the contract the curb and gutter has been installed and work remaining consists of one course of aggregate, plant mix paving and pin down curb and gutter. An eight-man engineering crew is assigned to this project which is now 49% complete with 53% of the contract time elapsed. The contractor has 24 working days of contract time remaining.

F 59-1(4)14 U-1
Clyde Park - North
One 151.5' Prestressed Concrete Girder Bridge
Contract Awarded: June 29, 1979
Contract Amount: $378,665.00
Proceed Order Date: July 20, 1979
Work Started:

COP Construction Co.
Billings, Montana
Jerry R. Branum, FPM
Phone: 586-9562 Bozeman
Contract Time: 130 Working Days
Probable Completion:
Effective Opening Date:

The contractor has indicated that he plans to begin work in September, but no date has been set for the preconstruction conference. The construction layout is 32% complete and the project as a whole is 0% complete with 15% of the contract time elapsed. The contractor has 111 working days of contract time remaining.

F 64-1(4)3 U-1
US 191 Spur to Big Sky
One 209' Prestressed Concrete Girder Bridge
Contract Awarded: June 29, 1979
Contract Amount: $312,828.14
Proceed Order Date: July 20, 1979
Work Started: July 25, 1979

Sletten Construction Co.
Great Falls, Montana
Harold G. Heath- FPM
Phone: 995-4586 Big Sky
Contract Time: 11-15-79
Probable Completion: 11-15-79
Effective Opening Date:

Progress has been fair with the contractor working 10 eight-hour shifts. During the past period 24,000 cubic yards of unclassified excavation was accomplished and the contractor has driven 666 feet of steel bearing pile. The contractor is having trouble getting penetration with the piling. 12.8 cubic yards of concrete was placed for the cap at Bent #4. A thirteen-man engineering crew is assigned to this project which is 8% complete with 21% of the contract time elapsed.

ROW I 90-6(26)315
Bozeman Pass - East
Sandhouse
Contract Awarded: June 29, 1979
Contract Amount: $30,260.00
Proceed Order Date: July 27, 1979
Work Started

Montana Metal Bldg. Inc.
Helena, Montana
Ole F. Olson, FPM
Phone: 586-5074 Bozeman
Contract Time: 85 Working Days
Probable Completion: 10-10-79
Effective Opening Date: NA

The preconstruction conference was held on August 7, 1979. Work has not started to date and the project is 0% complete with 18% of the contract time elapsed. The contractor has 70 working days of contract time remaining.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-W and Bozeman Pass - East (W Sect.)
Grade, Agg. Surf., Plant Mix Base Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M Johnson, FPM - Grade
Jerry R. Branum, FPM-Structures
Phone: 586-5074 Bozeman
Contract Time: 300 Working Days
Probable Completion: 9-1-79
Effective Opening Date:

Progress has been good with the various contractors employing 34 men. Fence installation, cattle guard installation, sign erection and guard rail installation is in progress at various locations on the project. The sealing operations have been completed and striping of the roadway should be completed sometime next week. Six men are performing inspection duties on this project which is 98% complete with 99% of the contract time elapsed. The contractor has 6 working days of contract time remaining.

I 90-7(35)364 U-1
Big Timber - Greycliff
393.0' Composite Steel & Concrete
Girder BR. & App.
Contract Awarded: 10-1-77
Contract Amount: $481,649.80
Proceed Order Date: 10-25-77
Work Started: 11-5-77

L.R. Huckuba Construction Co.
Cardwell, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 170 Working Days
Completion Date: 6-28-79
Effective Opening: NA

The final estimate and supporting data is 95% complete with an estimated date of submittal to the division of August 31, 1979.

I 90-7(35)364 U-2, I 90-7(35)364 U-4
I 90-7(34)375
Big Timber - Greycliff (E. Sect.)
Greycliff - East Access Road
G, Strs. @ Sta. 580+, 620, 680, 690
GS, PMS
G, GS, PMS
Length: 5.5 Mi., 6.4 Mi., 0.4 Mi.
Contract Awarded: April 11, 1979
Contract Amount: $5,633,978.53
Proceed Order Date: May 2, 1979
Work Started: May 2, 1979

Clark Brothers Construction
Victor, Montana
Roger E. Blossom, PE, FPM-Grade
Phone: 932-3515 Big Timber
Ronald T. Hoyem, FPM
Structures
Phone: 932-3272 Big Timber
Contract Time: 240 Working Days
Probable Completion: Sept. 1980
Effective Opening Date:

Progress has been fair with the contractor employing 48 men and working double shifts each day. Approximately 150,000 cubic yards of borrow material has been moved from the Wheaton pit and placed in the roadway up to Station 598. Culvert installation is also in progress and with the exception of 3 culverts, is complete up to Station 600. The concrete box culvert at Station 698 has been completed and the contractor is currently setting the forms for the wall and tying rebar for the structure at Station 619+80. The work bridge at Station 588+47 has been completed and the footings have been poured for Bents #1 and #3. A total of 19 engineering personel are assigned to this project which is 21% complete with 30% of the contract time elapsed. The contractor has 168 working days of contract time remaining.

I 90-7(35)364 U-3
Big Timber - Greycliff (Mid. Sect.)
Length - 3.2 Miles
Grading, Agg., Pl. Mix Bitum.
Surf., 284.5' and 321.0' Prest
Conc. Girder Bridges
Contract Awarded: 2-20-79
Contract Amount: $2,812,366.01
Proceed Order Date: 4-16-79
Work Started: 4-27-79

Washington Construction Co.
Missoula, Montana
George A. Sitton, FPM-Grade
Phone: 932-2485 Big Timber
Ronald T. Hoyem, FPM
Structures
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion Date:
Effective Opening Date:

Progress has been poor with contractor employing between 3 and 5 men. Work has been concentrated on culvert and fence installation. 133 lineal feet of 24 inch syphon was installed. 291 rods of type CW fence was errected and 345 rods of farm fence, type F2W was installed. The contractor did start stripping top soil on August 15, 1979. This operation is in progress between Stations 1910 and 1930 . Plans are to begin grading operations the first part of next week. A ten-man engineering crew is currently assigned to this project which is 10% complete with 27% of the contract time elapsed. The contractor has 134 working days of contract time remaining.

I 90-7(35)364 U-5
Big Timber - Greycliff
Dual 323: Prest. Conc.
Girder Str. (Over Boulder River)
Contract Awarded: 6-8-79
Contract Amount: $1,259,840.20
Proceed Order Date: 7-5-79
Work Started: 7-12-70

Sletten Construction Co.
Great Falls, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 220 Working Days
Probable Completion Date:
Effective Opening Date:

The contractor completed excavating for the footing on Pier #2-W.B. on August 8. He began setting cofferdams on August 8, but the hammer failed and was sent to Great Falls for repairs. Excavation for footing for Bent #4 E,B. and W.B. was started on August 7. These forms in steel for the footing for Bent #4 E.B. were set on August 10. 20 cubic yards of concrete was placed for the footing of Bent #4 E.B. on August 13. A total of 4,000 cubic yards or 42% of the embankment has been placed. 424 cubic yards of structure excavation has been accomplished and 337 cubic yards of structure excavation type 2 has been completed. The work bridge is now 75% complete. A seven-man engineering crew is assigned to this project which is 13% complete with 6% of the contract time elapsed. The contractor employed between 12 and 16 men and he has 192 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (E. Sect.)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
George A. Sitton, FPM
Phone: 932-2485 Big Timber
Contract Time: 250 Working Days
Completion Date: 6-30-78
Effective Opening: 6-23-78

The final estimate and supporting data is in the Bozeman Division Office.

RS-BRS 563-1(3)0 U-1
Springdale - Hunters' Hot Springs
471' Structure and Approaches
Contract Awarded July 27, 1979
Contract Amount: $980,785.39
Proceed Order Date: 8-17-79
Work Started:

Morgan & Oswood Const. Co., Inc.
Great Falls, Montana
Jerry R. Branum, FPM
Phone: 586-9562 Bozeman
Contract Time: 240 Working Days
Effective Opening Date:
Probable Completion Date:

The preconstruction conference was held on August 15, 1979 and the contractor plans to begin work on September 4. The engineering layout is 32% complete and this project is 0% complete with 0% of the contract time elapsed. The contractor has 239 working days of contract time remaining.

M 7412(3)
River Dr., 9th St., Livingston
Gr., GS, PMS
Length - 0.5 Mile
Contract Awarded: 10-4-78
Contract Amount: $202,557.00
Proceed Order Date: 10-25-78
Work Started: 10-30-78

Long Construction Company
Billings, Montana
William G. Shuyler, FPM
Phone: 222-1795 Livingston
Contract Time: 80 Working Days
Completion Date: 7-6-79
Effective Opening Date: 6-29-79

Two men have been working on the final estimate and supporting data which is now 95% complete with an estimated date of submittal to the division office of August 22. 1979.

SMP 1699-79
Carbon - Gallatin & Sweet Grass Counties
Gravel Crushing
Contract Awarded: May 10, 1979
Contract Amount: $198,622.00
Proceed Order Date: May 31, 1979
Work Started: June 27, 1979

R.J. Studer and Sons
Billings, Montana
Contract Time: 60 Working Days
Completion Date:
Walter H. Deighton, Mat'l Supr.
Phone: 586-9562 Bozeman

The contractor completed crushing in the the Sweet Grass County pit on August 6, 1979. Crushing cannot begin in the Gallatin County pit before August 27, 1979 and time assessment has been suspended. This project as a whole is 68% complete with 67% of the contract time elapsed. The contractor has 22 working days of contract time remaining.

Respectfully,

Richard C. Holmes, PE, Supr.
Division Construction Section

RCH:EJR:lab
cc: Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
AUGUST 20, 1979

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period August 7, 1979, through August 20, 1979.

## GENERAL

Weather has been clear to overcast. Temperatures ranged from 65° to 95°, with some rain having little effect on progress.

## PRE-CONSTRUCTION

F 60-2(3) Great Falls - East
F 64(15)
Length: 9.537 Miles
Design Started: Sept. 7, 1976

R. Fransen - Desinger II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1979

One man worked 9 days designing Intersection S-227 and S-228. Design is 58% complete.

F 3-1(1)
Fairfield - East & West
Design

R. Fransen - Designer II
Great Falls - Phone #452-2361

EAST SECTION - 4.9 MILES
Design is 60% complete, P.I.H. held August 16, 1979.

F 9-1(1)
F 238 (13) Bowman's Corner - Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

SOUTH SECTION - 5.6 MILES
Design work on this portion will begin in the near future. Probable completion date December, 1980.

MIDDLE SECTION - 5.4 MILES
One man worked 8 days plotting x-sections. Design is 8% complete with probable completion date March, 1980.

NORTH SECTION - 3.8 MILES
Design work on this portion will begin in the near future. Probable completion date December, 1980.

RS 218-1 ( )
Conrad East
Pondera County
Design
Length: 9.8 miles overlay

R. Fransen - Designer II
Great Falls - Phone #452-2361
Work Started - June 27, 1979
Completed: August 20, 1979

One man worked 9 days preparing design of overlay. Design is now complete.

RS 365-1(2) 0
Brady - East
Pondera County
Design
Length: 6.9 miles overlay

R. Fransen - Designer II
Great Falls - Phone #452-2361
Work Started: June 27, 1979
Completed: August 20, 1979

One man worked 9 days preparing design of overlay. Design is now complete.

M 5201 (1)
M 5203 (1)
6th St. S.W. - Gt. Falls (No. Section)
Cascade County
Design
Length: 1.0 Miles

Jensen & Herberly - Great Falls
John Kelly - Phone #453-5478
Survey Authorized: April 14, 1978
Work Started: April, 1978
Estimated Comp.: Jan. 1, 1980

Items accomplished during this reporting period:
1. Plans and special provisions checked for final P.I.H. and submitted same to consultant design August 14, 1979.

Contract is 94% complete.

M 5212 (1)
Great Falls South Arterial
Cascade County
Location & Design
Length: 7.6 Miles

HKM Associates - Billings
Phone #245-6354 or #259-1993
Survey Authorized: Dec. 4, 1978
Work Started: Dec. 4, 1978
Estimated Comp.: Jan. 18, 1980

1. Preliminary Design - 80%.
2. Draft Environmental Impact Statement & Location Study Report - 19%.
3. Access Analysis - 25%.
4. Drainage Analysis - 28%.
5. Utilities Report - 20%.
6. Public Involvement Meeting Planned For August 21, 1979 - 26%.

Contract is 34% complete.

## CONSTRUCTION

I 15-5(50) 239 U-4
Cascade North & South (So. Section)
2 Structures and Add 2 Lanes
Cascade County
Length: 11.4 Miles
FHWA Concurrence: Aug. 15, 1977
Contract Awarded: Aug. 15, 1977
Amount of Contract: $2,622,646.97
Work Started: August 29, 1977

Rehbein Contracting, Inc. - Contr.
P. O. Box 339
Plains, Montana 59859
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Comp. Date: May 19, 1979

I 15-5(50) 239 U-4 Continued

Project completed May 19, 1979. Engineering crew engaged in other assignments. Final Estimate and Supporting Data to be submitted to Division office in near future.

I 15-5(64) 238 U-2 Hardy Creek Ramps
I 15-5(50) 239 U-5 Cascade No. & South
Cascade County
Surfacing
Length: 15.3 Miles
Contract Awarded: Aug. 25, 1978
Contract Amount: $3,412,155.85
Work Started: Feb. 7, 1979

Hilde Const. Co., Contractor
P. O. Box 2287
Great Falls, Mt. 59403
Harry Strong - Mgr. F.P.U.
Tom Hammerbacker - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date: Nov. 30, 1979
Effective Opening Date:

Progress has been good. Contractor completed Plant Mix operation Aug. 7, 1979. Contractor now engaged in safety update and cleanup work. Items and percentages complete are: Plant Mix item 100% and Safety update items 50%. The project as a whole is 80% complete with 45% of the contract time elapsed. Engineering crew is engaged in layout, inspection and compiling notes.

ER 72(26)
Teton River - Flood Damage Repair
Chouteau County
Contract Awarded: Aug. 25, 1978
Amount of Contract: $93,383.40
Work Started: Oct. 10, 1978

General Construction, Contr.
P. O. Box 3589 - Butte, Mt. 59701
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 30 Working Days
Comp. Date: June 12, 1979

The project was completed on June 12, 1979. Final Estimate and Supporting Data submitted to Division office on August 15, 1979.

TQS 228-1(3) 0
Great Falls - Highwood
Cascade County
13.7 Miles, Pl. Mix Overlay & Seal Cover
Contract Awarded: July 19, 1977
Contract Amount: $1,087,497.70
Work Started: Sept. 19, 1977

Hilde Const. Co., Contractor
P.O. Box 2283 - Gt. Falls, Mt. 59403
Frank Robinson - Mgr. - F.P.U.
Great Falls - Phone #453-2573
Comp. Date: May 18, 1979
Effective Opening Date: 7-21-78

The project was completed on May 18, 1979. Final Estimate submitted to Division office on July 13, 1979, and will be forwarded to Helena on or about August 31, 1979.

RS 228-2(4) 40
Fort-Benton - South
Chouteau County
4.3 Miles - G.GS. Pl. Mix Bit Surf.
Contract Awarded: March 31, 1978
Contract Amount: $1,039,164.75
Work Started: June 8, 1978

General Const. Co., Contractor
P.O. Box 3589 - Butte, Mt. 59701
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 140 Working Days
Comp. Date: Aug. 10, 1979
Effective Opening Date: June 1, 1979

Progress has been good. The remaining fencing and clean up were completed on August 10, 1979. All items now 100% with 142 of the 143 allotted working days used. The project as a whole is 100% complete with 99% of the contract time elapsed. Engineering crew engaged in compiling notes and other assignments.

M 5201(5) U-1
6th St.S.W. - Gt. Falls (So. Section)
Cascade County
0.4 Miles Grade, Gravel & Surf.
Contract Awarded: June 29, 1979
Amount of Contract: $1,698,505.95
Work Started: July 26, 1979

Hilde Construction Co., Inc.
P.O. Box 2287, Gt. Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: July, 1980
Effective Opening Date:

Progress has been fair. Contractor engaged in clearing and grubbing, borrow and embankment (station 18 to 22) and also began installing storm sewer on August 8, 1979. Supplier began crushing concrete aggregate on August 16, 1979. Items and percentages complete are: Clearing and Grubbing 60%, Uncl. Borrow 21% and RCP 42" - 19%. The project as a whole is 6% complete with 13% of the contract time elapsed. Engineering crew is engaged in layout and inspection.

M 5201(5) U-2
Structure on 6th St. S.W. - Gt. Falls
Cascade County
506 Feet in Length
Contract Awarded: May 13, 1977
Amount of Contract: $2,008,232.79
Work Started: June 21, 1977

Sletten Const. Co., Contractor
P. O. Box 2467
Great Falls, Mt. 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Prob. Comp. Date: Sept. 30, 1979

No progress during this reporting period. All items are 100% with only cleanup remaining. The project remains 99% complete with 91% of the contract time elapsed. Engineering crew in engaged in other assignments.

M 5210(4) U-1
Structure on 1st Ave. No. - Gt. Falls
Cascade County
962 Feet in Length
Contract Awarded: Aug. 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Const. Co., Contractor
P. O. Box 2467
Great Falls, Mt. 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 450 Working Days
Prob. Comp. Date: October, 1980
Effective Opening Date:

M 5210(4) U-1 Continued

Progress has been good. The upstream half of the structure is complete. The approaches are in place and stripped. The signing has been revised and traffic shifted to new portion of structure. Contractor has now began work on the removal of the downstream half of structure. Items and percentages complete are: AD Conc. 40%, Resteel 42% and Prest. Beams 40%. The project as a whole is 41% complete with 27% of the contract time elapsed. Engineering crew is engaged in layout and inspection.

M 5210(2)
2nd Ave. No. & 57th St. - Gt. Falls
Cascade County
Contract Awarded: Feb. 20, 1979
Contract Amount: $142,908.25
Work Started: April 24, 1979

Pacemaker Industries, Inc.
P. O. Box 11527
Spokane, Wn. 99211
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: August 10, 1979
Effective Opening Date: Aug. 1, 1979

Progress has been good. Contractor completed remaining cleanup August 10, 1979. All items now 100%. The project is 100% complete with 100% of the contract time used. Engineering crew is engaged in compiling notes and other assignments.

M 5217(3)
Central Ave. & 26th St. - Gt. Falls
Cascade County
Traffic Signals & Signing
Contract Awarded: May 10, 1979
Contract Amount: $47,075.26
Work Started:

Livesay Traffic Maint.
1509 High Street - Gt. Falls
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Prob. Comp. Date: Nov. 30, 1979
Effective Opening Date:

Progress has been fair. Contractor has been working on the installation of conduit, placement of concrete curb and gutter and forming for concrete sidewalk. Items and percentages complete are: Concrete Curb and Gutter - 100% and Steel Conduit - 90%. The project as a whole is 11% complete with 10% of the contract time elapsed. Engineering crew is engaged in layout and inspection.

RRP 4139(51)
R.R. Grade Crossing - 38th St. - Gt. Falls
Cascade County
Contract Awarded: Aug. 25, 1978
Contract Amount: $107,811.36
Work Started: Oct. 30, 1978

Kraus Const. Co., Contractor
P. O. Box 923 - Gt. Falls, Mt.
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time - 30 Working Days
Prob. Comp. Date: Aug. 17, 1979
Effective Opening Date:

Progress has been poor. Contractor received the remaining materials to complete project on August 13, 1979, and resumed work on August 14, 1979, installing plastic pavement markings. Work remaining includes guard rail and cleanup. Items and percentages complete are: Striping - Plastic - 100% and Words and Symbols - 100%. The project as a whole is 96% complete with 95% of the contract time elapsed. Engineering crew is engaged in layout, inspection and other assignments.

Department of Highways

August 20, 1979

SMP 2599-79
State Maintenance Project
Lewis & Clark, Teton & Cascade Counties
Contract Awarded: April 4, 1979
Contract Amount: $206,095.00
Work Started: April 26, 1979

Zook Construction Company
Great Falls, Mt.
Stan Newton - Mgr. F.P.U.
Great Falls - Phone #453-0422
Comp. Time: 80 Working Days
Prob. Comp. Date: Sept. 14, 1979

Progress has been fair. Contractor has gone to 10 hour shifts. He completed crushing and stockpiling from Pit No. 5010-07 on August 8, 1979. Then moved to Pit No. 0770-02 and began producing on August 13, 1979. Items and percentages complete are: Traffic Control - 37%, Mobilization - 45%, Haul Aggregate - 78%, and Stockpile Top Surface ½" Gr. 4A - 35%. The project as a whole is 43% complete with 71% of the contract time elapsed. Engineering crew is engaged in testing, inspection and notes.

R.W. Freeman - P.E. - Supvr.
Division Construction Section
Great Falls

RWF/MRB/jb

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

August 17, 1979

RECEIVED
AUG 20 1979
CONSTRUCTION BUREAU

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending August 17, 1979.

## GENERAL

The weather for the past reporting period has been good with some light rain showers. The temperatures ranged from 45° to 90° above.

## PRECONSTRUCTION

HHS 58-1 (1) 30, St. Mary - Babb
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (2) 79, Big Sandy - North
9.1 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

A four man engineering crew worked 12 mandays making section ties. The field work is 98% complete and the location as a whole is 90% complete with 327 mandays used to date. One man worked 1½ mandays on the plan and profile sheets in the Division office. Further design work will be accomplished after the remaining location work is submitted to the Division office. To date, 18½ mandays have been expended on design.

S 241-1 (01), Turner - Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

One man worked 2 days making necessary changes on linen summary sheets to compare with the revised typical section. Design as a whole remains at 35% complete with 32 mandays used to date.

RS 233-1 (01), Havre - North
10.0 miles, Secondary Rte. 233
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

The P.I.H. was held on 8/8/79. Two men worked 6½ mandays making P.I.H. changes. The revisions were completed on 8/15/79 and submitted to Helena that date. This constitutes a final entry in this report.

RS 233-1 (2), Havre - North
12.0 miles, Secondary Rte. 233
Location Survey

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

There has been no work on the project this reporting period. The engineering crew has been assigned to other projects. Centerline, levels, cross sections, section ties, general and utility topog. are all 100% complete. Checking and inking the cross sections are 90% complete. The location as a whole is 85% complete with 244 mandays used to date.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

One man worked 2½ mandays plotting and inking plan and profile linens. Design as a whole is 13% complete with 56½ mandays used to date.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
Browning, Montana
Telephone No. 338-2610

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

RS-TQS 464-1 (01), Browning - Babb
5.9 miles, Glacier County
Preliminary Engineering

Harold D. Kelly, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

A two man engineering crew worked 4 days this reporting period and completed all required work on this preliminary survey. All survey data was submitted to the Division office on 8/7/79. A total of 85 mandays was used. The survey data was checked in the Division office and forwarded to preconstruction on 8/13/79. This constitutes a final entry in this report.

## C O N S T R U C T I O N

F-1-6 (2) 382
U.S. 2 - Havre - East Section
1.9 miles, Hill County
Grade, gravel surf., pl. mix surf. and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction, Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No.265-6821
Contract Time: 160 working days
Completion Date: 7/18/79

One man has been working on the final estimate as time permits.

I-FI 15-8 (26) 354 & I-15-8 (35) 353
Shelby - Oilmont Jct.
14.6 miles, Toole County
Grade, aggr. surf., pl. mix
bit. surf., and structures
Contract Let: 1/25/79
Contract Amount: $8,165,151.42
Work Started: 3/11/79

Zook Brothers Construction Co.
Great Falls, Montana
Roadway:
James A. Dolan, Field Project Manager
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 240 working days
Probable Completion Date: 9/1/80

ROADWAY

The progress for the past reporting period has been good. The contractor has up to 109 persons employed, working one 9 hr. and one 8 hr. shift per day. Excavated and placed 160,000 cu. yds. of borrow excavation. A total of 829,800 cu. yds. excavated and placed to date for 56% complete. Installed 900 ln. Ft. of 24" CSP. The culverts and related items are 48% complete. The contractor is presently crushing and stockpiling 1½" plant mix base aggregate from pit Lab #373558-75. The subcontractor, Bob Clark and Son, is presently installing Type CW fence which is 30% complete. A 14 man engineering crew is engaged in construction staking and inspection. The roadway portion of the project is 15% complete with 27% of the contract time elapsed.

STRUCTURES

Progress has been good. The subcontractor, Sletten Construction Co., worked ten 8 hr. shifts with up to 23 men employed. The structure at Sta. 450 (Bronken Int.), decking completed and reinforcing steel placed on Span No. 3 also end Span or Span No. 4 moved back into place and it is almost ready to pour the deck. The structure at Sta. 661 (Potter Int.) remains the same with concrete poured up thru the cap on bent No. 2. Sta. 820 or (Gus Blaze Road Sep.) the concrete poured up thru the beam seats and 6 of the 8 beams set; anticipate setting the other 2 on 8/16/79. Sta. 978 (Kevin-Oilmont Int.) with concrete poured up to and including the deck. All that remains on this structure is the barrier rails. The subcontract is about 51% complete. A two man engineering crew is engaged in construction inspection.

UTILITIES

No work by the utility companys this reporting period.

I-IG 15-8 (25) 379
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr. aggr. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

The final estimate will be submitted after further review of grading computations has been accomplished.

TQS 464-1 (2) 19 U-2
Browning - Babb (Duck Lake Road)
5.3 miles - Glacier County
Contract Let: 8/24/78
Contract Amount: $1,395,242.01
Work Started: 5/14/79

Rehbein Contracting, Inc.
Plains, Montana 59859
Hugh M. Klepzig, Field Project Manager
Browning, Montana
Telephone No. 338-2610
Contract Time: 120 working days
Probable Completion Date: 10/30/79

Progress this reporting period has been good, with one day lost due to rain. The contractor worked nine 9 hr. shifts with up to 22 people employed. Excavated and placed 45,000 cu. yds. of unclassified excavation, making this item 100% complete. Installed 56 feet of C.S.P. for 100% complete. Topsoil is 100% complete with the placing of approximately 13,000 cu. yds. Placed 29,000 tons of C.B.C. 1½" for a total of 95% complete. The subcontractor, Tindall Construction, crushed 29,000 tons of 1½" C.B.C., crushed and stockpiled 14,000 tons of 1" PMBB material while working ten 9 hr. shifts with six men employed. An 11 person engineering crew is engaged in construction layout and inspection. The project as a whole is 55% complete with 52% of the contract time elapsed.

M 5708 (2) Unit 2
City of Havre
(Install Traffic Control Devices)
0.0 miles - Hill County
Contract Let: 8/7/78
Contract Amount: $18,046.60
Work started: 9/26/78

Western Sign Corporation
Great Falls, Montana
Albert M. Ullrich, Field Project Manager
Havre, Montana
Telephone No. 265-5292
Contract Time: 30 working days
Completion Date: 7/18/79

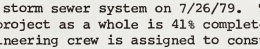
A three man engineering crew has been working on the final and other projects. The final estimate and supporting data is 95% complete.

M 5709 (3), Havre - 13th Street
0.4 miles, Hill County
Gr., aggr. surf., pl. mix bit. base
pl. mix bit. surf., curb & gutter,
storm drain and lighting
Contract Let: 5/3/79
Contract Amount: $733,255.51
Work Started: 5/21/79

Baltrusch Construction, Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 90 working days
Probable Completion date: 10/10/79

Progress has been poor. The contractor worked seven 8 hour shifts with up to nine employed. The roadway from Sta. 9+00 to 20+25 was finished to subgrade blue tops and 1,050 tons of 1½" crushed base was hauled to this area making this item 50% complete. The unclassified excavation is 85% complete to date. Falls Construction Co. completed the installation of the pipe and manholes for the storm sewer system on 7/26/79. The drainage structures as a whole are 99% complete. The project as a whole is 41% complete with 53% of the contract time elapsed. A four man engineering crew is assigned to construction inspection and layout.

Respectfully submitted,



For Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

RECEIVED
AUG 20 1979
CONSTRUCTION BUREAU

DIVISION OFFICE
GLENDIVE, MONTANA
AUGUST 16, 1979

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending August 14, 1979.

## GENERAL

Progress throughout the Division has been fair. Weather was fair and mild with temperatures ranging from 55 degrees to 90 degrees.

## PRECONSTRUCTION

F 20-2(1), SAVAGE - CRANE
Length - 8.0+ Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - May 31, 1980

During the past period 2 mandays were used reviewing P.I.H. prints. P.I.H. is scheduled for 9:00 A.M. on August 15, 1979. Design is 50% complete with 237½ mandays used to date.

RF 20-2(2), SIDNEY - FAIRVIEW
Length - 11.6+ Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - June 1, 1980

No work on this project during the past period. The location data from Sta. 0+00 to Sta. 280+00 was submitted to Helena on June 13, 1979. The project as a whole is 72% complete with 1456½ mandays used to date.

F 25-1(1), CIRCLE - NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978
Design Started - January 29, 1979

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Sept. 1, 1980

No work on this project during the past period. Ground control for aerial survey was completed March 23, 1978. Mapping has been completed by the Photogrammetric Unit. A total of 307 mandays have been used on field work to date. Design remains 1% complete with 36 mandays used to date.

S 201-2(1)39, PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. Date - Dec. 31, 1979

Design of this project remains 11% complete with 39 mandays used to date. A meeting with the County Commissioners is pending to determine what design to complete.

S 252-1(01), CIRCLE - NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - March 13, 1979
Est. Design Comp. Date - May 30, 1980

No work on this project during the past period. Only minor location work remains setting relocated section corners. Location work is 99% complete with 1032 mandays used and design is 7% complete with 44½ mandays used to date.

RS 253-2(1)36, BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S 323-1(1)47, ALZADA - EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - November 30, 1979

No work on this project during the past period. Horizontal control and elevations are 100% complete. Mapping has been completed by the Photogrammetric Unit. Plotting of centerline on the contour map is 90% complete. A total of 380½ mandays to date have been used on field work.

RS 323-1(3), LITTLE MISSOURI RIVER BR.
Length - 1.0± Miles
Survey Authorized - February 16, 1979

Unassigned

Work will begin when personnel are available.

## CONSTRUCTION

I 94-6(23)202, GLENDIVE - WEST
I 94-6(28)209, GLENDIVE - EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guardrail, and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Ken Quale, Fld. Proj. Mgr. - Structure
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October, 1976

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. Final estimate is 100% complete with checking in the Division Office being 100% complete. Submittal to Helena is dependant on contractors review of earthwork quantities.

I 94-6(30)221 UNIT 1
WIBAUX COUNTY LINE - WEST (MIDDLE SECTION)
Length - 4.7 Miles
Grade, RElated Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Struct.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Comp. Date - June 25, 1979
Effective Opening Date - N/A

The contract was completed on June 25, 1979, using 190 working days or 119.5% of the contract time. One man working part-time in the office checking final estimate quantities is 94% complete with an estimated submittal date of August 27, 1979 to the Division Office.

IR 94-6(32)216, GLENDIVE - EAST
Length - 16.9 Miles
Plant Mix Bitum. Surf. Overlay with Seal
Cover & Reflective Cracking Fabric
Contract Awarded - August 25, 1978
Amount of Contract - $1,429,388.08
Work Started - April 3, 1979

Earth Builders, Inc.
Box 838, Bismarck, N. Dak. 58501
Robert A. Passow, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Prob. Comp. Date - September 15, 1979
Effective Opening Date - N/A

Paving operation was completed on 8-8-79. 66,815.3 Ton of Plant Mix Bit. Surf. Grade B was placed. 663.44 Tons of 120-150 asphalt cement was used. Sealing operation began 8-11-79 with one 1783 Gal. distributor, 3 flow by and 9 end dump trucks and 1 spreader. Western Sign is working on the project installing guardrail. Contract items to date are as follows: Traffic Control Devices--26,634.5 Units @ 88% complete; Traffic Control Flag--1,847 Hrs. @ 88% complete; Traffic Control Pilot Car--72 Hrs. @ 30% complete; Remove Guard Rail--4,550 Ln. Ft. @ 100% complete; Rolling Cover Material--43.105 Units @ 20% complete; Top Surf. 3/4" Gr. 2A--951.8 Tons @ 100% complete; Cover Material 3/8" Gr. 3--1,879.1 Tons @ 35% complete; Plant Mix Bit. Surf. Gr. B--66,815.3 Tons @ 100% complete; Asphalt Cement 120-150--3,395.58 Tons @ 100% complete; and Emulsion Asphalt CRS-2--184.55 Tons @ 35% complete. Traffic through the sealing operation is being controlled by 3 pilot cars, 24 hours a day. Controlled areas are 2 to 4 miles in length. A 5 to 6 man engineering crew is assigned to the project for inspection. The project is 76% complete with 71% of the contract time used.

IR 94-7(15)243, WIBAUX EAST
Length - 6.5 Miles
Plant Mix Bitum. Surf., Seal & Cover
Contract Awarded - May 10, 1979
Amount of Contract - $872,076.50
Work Started - July 20, 1979

Meyer Construction Company
P.O. Box 1417, Billings, MT 59103
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Probable Comp. Date - Sept. 28, 1979
Effective Opening Date - N/A

Progress this past period has been poor. Prime Contractor Meyer Construction Co. worked twelve 4 to 12½'hour shifts employing 4 to 14 men. Mark Rite Lanes arrived on project August 9, 1979 and worked 6½ hours employing 4 men striping detours and westbound lane. Traffic was converted from 4 lane to 2 lane using detours upon completion of striping August 9, 1979. Industrial Builders began salvaging existing asphalt August 9, 1979. Contract items are as follows: Detour Constr. & Maint.--Lump Sum, 50% complete; Traffic Control Devices--4,651 Units for 49% complete; Traffic Control Flagging--97½ hours or 34% complete; Salvage Exist. Bit. Surf.--19,500 Sq. Yds. or 27% complete; Striping-Yellow Paint--75 Gals. for 30% complete; Striping-White Paint--103 Gals. for 29% complete; Words and Symbols-White Paint--6 Gals. for 100% complete; One inspector and one Project Manager assigned to project at present time. Contract as a whole is 9% complete with 48% of the contract time elapsed.

F 20-2(4)52, CENTRAL AVENUE - SIDNEY
Traffic Signals
0.0 Miles
Contract Awarded - April 4, 1979
Amount of Contract - $26,983.00
Work Started - June 25, 1979

Western Sign Corp.
Box 2669, Great Falls, MT 59403
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 45 Working Days
Prob. Comp. Date - October 15, 1979
Effective Opening Date - N/A

The Contractor, Western Sign Corp., has not worked on this project this past period. Contract items remain 5.1 Cu. Yds. Class "D" Concrete--100% complete, 397 Lineal Feet of 1½" Conduit--94% complete, 262 Lineal Feet of 2" conduit--94% complete. Traffic control flagging is 26% complete. Work was suspended at close of work 7-18-79 as per Special Provision 1B as underground work is completed and controller has not yet arrived. The project as a whole is 37% complete with 17 days or 38% of the contract time elapsed.

F 57-7(5)328, MERRILL AVENUE - GLENDIVE
Length - 0.7 Miles
Grading, Aggr. Surf., Pl. Mix Surf., Seal Cover, Curb & Gutter, Signing & Lighting
Contract Awarded - February 20, 1979
Amount of Contract - $1,272,404.81
Work Started - May 10, 197 9

Gus M. Albert, Contractor
Box 370, Miles City, MT 59301
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 110 Working Days
Prob. Comp. Date - June 1, 1980
Effective Opening Date -

Progress this past period has been poor. Prime Contractor Gus M. Albert work seven 9-hour and one 4-hour shifts with 8 to 22 men employed. Hauled and placed 1½" C.B.C. Type "A" Gr. 5 in area above 6" perforated drain where new curb and gutter will be installed left 7+52 to 11+38. On 8-6-79 contractor began street excavation removal from Station 12+40 to 19+00, also the first CRS. of 1½" C.B.C. Type "A" Gr. 5 was hauled and placed from 12+40 to 14+50. Sub-contractor L. Lockrem worked eight 9-hour and one 8-hour shifts with 3 to 12 men employed. Work consisted of installing 6" C.S.P. perforated drain, 15" C.S.P. and Type I Drop Inlets. The 15" C.S.P. and drop inlets are 100% complete, the 6" C.S.P. perf. drain is 88% complete. Contractor also worked on resetting water valves. Sub-contractor Randolph & Sons worked ten 9-hour shifts with 6 to 8 men employed. Formed and poured curb and gutter left of Station 21+00 to 29+00 and right of Station 11+90 to 15+30, for a total of 2877 Lin. Ft. complete to date or 38%. Also the 4" and 6" sidewalk was placed where the curb and gutter has been completed making these items 21% and 26% complete. The retaining wall foundation and 200' of the retaining wall was poured right of Station 8+06 to 11+50, making the item Class "DD" concrete 82% complete. Sub-contractor Western Sign Corp. worked five 9-hour shifts with 6 to 7 men employed. Work consisted of forming and pouring ten luminaire foundations from left of Station 12+34 to left of 29+71. Also 470' of 1" conduit was placed left of Station 13+ to 18+. Construction layout is 90% complete with 11 men assigned. Project as a whole is 32% complete with 76 days or 69% of the contract time elapsed.

RS 000S(58), CARTER COUNTY SECONDARY RTE'S
Length - 105.3 Miles
Signing Graveled Sections
Contract Awarded - February 20, 1979
Amount of Contract - $11,580.65
Work Started - June 5, 1979

Western Sign Corp.
Box 2669, Great Falls, MT 59403
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 30 Working Days
Comp. Date - June 22, 1979
Effective Opening Date - N/A

RS 000S(58), Continued....

The project was completed on 6-22-79 using 14 working days or 47% of the contract time. Final inspection and acceptance was made on June 25, 1979. Final estimate is 20% complete with one man in Division Office checking notes, part-time.

M 5004(1), MERRILL & BELL - GLENDIVE
Traffic Signal Upgrade
0.0 Miles
Contract Awarded - April 4, 1979
Amount of Contract - $31,631.80
Work Started - July 23, 1979

Western Sign Corp.
Box 2669, Great Falls, MT 59403
H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 45 Working Days
Prob. Comp. Date - November 1, 1979
Effective Opening Date - N/A

Prime Contractor Western Sign Corporation worked seven variable length shifts with 1 to 6 men employed. Work mainly consisted of jackhammering trench left Merrill to Towne Street where conduit will be placed. To date all pole foundations have been completed. Four hundred twenty-two feet of 2" conduit has been placed and 2 pull boxes have been installed. Construction layout is 80% complete with 0 to 1 man temporarily assigned. Project as a whole is 26% complete with 18 days or 40% of the contract time elapsed.

HHS 57-7(4)326 INTERSECTION IMPROVEMENTS
INTERSECTION MONT. 200S & MONT. 16
Length - 0.0 Miles
Grading, Aggregate Surfacing,
Plant Mix Surfacing and Signing
Contract Awarded - July 6, 1979
Amount of Contract - $37,753.00
Work Not Yet Started

Gus M. Albert, Contractor
Box 370, Miles City, MT 59301
H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 30 Working Days
Prob. Comp. Date - Sept. 30, 1979
Effective Opening Date - N/A

A preconstruction meeting was held on July 26, 1979. Construction layout remains 75% complete with no engineering personnel assigned this past period.. Project is 0% complete with 0% of the contract time elapsed.

Respectfully,

Bruce Russell

Bruce Russell, P.E., Supervisor -
Division Construction Section

BR:GLK:nu

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CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
August 17, 1979

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending August 17, 1979.

## GENERAL

Weather the past period has varied from cool to hot temperatures accompanied by scattered thunder storms and rain showers. Progress on road and bridge construction has been fair. The temperatures ranged from a low of 52 degrees to a high of 95 degrees.

## PRECONSTRUCTION

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized - 05-27-70
Location Survey Started - 12-09-74
Location Survey Completed - 05-02-79

Robert M. Hanson, Designer III
Wolf Point, Montana
Design Started - 09-01-78
Est. Compl. Date (PIH) - 08-31-79

Location survey is 100% complete. Twelve man days were used on design making a total of 120 man days used to date. Design is 19% complete.

F 32-1-(01), Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized - 11-04-76
Location Survey Started - 12-22-76
Compl. Date - 06-14-79 (Location)

Robert M. Hanson, Designer III
Wolf Point, Montana
Design Started - 12-28-78
Est. Compl. Date(PIH) - 11-15-79

Location survey field work is 100% complete. No man days were used on design this period. A total of 43 man days used to date. Design remains 7% complete.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized - 01-22-75
Location Survey Resumes - 01-11-79
Location Survey Suspended - 03-30-79

Douglas A. Durocher, Fld Proj Mgr
Glasgow, Montana
Est. Compl. Date - 10-31-79 (Location)
Design Started - 06-01-79
Est. Compl. Date (PIH) - 11-15-79

Center line, bench levels, topography, cross sections and drainage areas are

100% complete. Section ties are 60% complete. The project as a whole is 91% complete with 612 man days used to date. Detail map is 95% complete and profile is complete with proposed grade line. A total of 51 man days have been used to date on design. Design is 7% complete.

F 62-1-(3)3, Missouri River Bridge
South of Culbertson
Approximately 0.2 Mile in Length
Location Survey Started - 02-20-79

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl Date -

Bridge site situation sheet submitted to Helena on 05-23-79. A total of 15 man days have been used to date on location survey.

## CONSTRUCTION

F 1-8(3)490, Flood Repairs on Saco Flats
Contract Let - 03-29-79
Contract Awarded - 04-04-79
Proceed Order Date 04-25-79
Work Started - 05-22-79
Bid Price - $97,029.20

Askin Construction
Livingston, Montana
Douglas A. Durocher, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 60
Prob. Compl. Date - 08-31-79

Progress has been slow this past period. One to eight men worked 9 various length shifts pouring Class "DD" concrete and placing Class 2 Random Riprap. All contract items are 100% complete other than minor clean up. The project as a whole is 99% complete with 49 days or 78% of the contract time elapsed. The construction layout is 100% complete with one engineering person assigned to the project.

F TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541 & F 42-3(3)75, Glasgow-West
6.3 Miles in Length
Grading, Aggregate surfacing, Plant mix base and surfacing, Storm sewers, Signing two 114.0 concrete slab bridges, seal & cover
Contract Let - 08-24-78
Contract Awarded - 08-25-78
Proceed Order Date - 09-15-78
Work Started - 09-26-78
Amount of Contract - $3,256,676

Earth Builders, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 180
Prob. Compl. Date - 06-80
Effective Opening Date -

Progress this past period has been fair. 4 to 6 men on bridge crew worked 8 - 8 hour shifts and completed finishing and clean-up of bridges over Cherry Creek and Cherry Creek Overflow and moved off the project on August 10. 8 to 10 men on pipe crew worked 11 - 10 hour shifts installing storm sewer, backfilling trench and installing manholes. Grading crew moving in and plan to begin major dirt work on August 20. Items and percent complete are: Bridges 100%; Storm Sewer 36%. The project as-a-whole is 31% complete with 79 days or 43% of the contract time elapsed. The construction layout is 75% complete with a 7 man engineering and inspection crew engaged on the project.

F 1-9(3)541 & RS 246-1(4)0
Two traffic signals City of Glasgow
0.0 Mile in Length
Installation of traffic signals
Contract Let - 12-12-78
Contract Awarded - 12-15-78
Proceed Order Date - 04-16-79
Work Started - 05-15-79
Bid Price - $59,837.06

Livesay Traffic Maintenance, Inc.
Great Falls, Montana
James E. Baldwin, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 45 (See Spec. Prov.)
Prob. Compl. Date - 08-31-79

There has been no progress this past period. The contractor has moved off the project and is waiting for the City of Glasgow to repair the street so that four traffic loop detectors can be installed at 1st Ave. North & 6th Street.

The RS 246-1(4) 0 portion of the project is 100% complete. The F 1-9(8)541 portion of the project remains 97% complete. The project as a whole is 98% complete with 42 days or 76% of the contract time elapsed. The two man engineering crew is assigned to other projects.

F 1-0(6)611, Poplar-Brockton
14.5 Miles in Length
Plant mix overlay, seal & cover
Contract Let - 07-27-78
Contract Awarded - 08-06-78
Proceed Order Date - 08-17-78
Work Started - 08-17-78
Bid Price - $294,378.70

Gus M. Albert
Miles City, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days - 100
Act. Compl. Date - 07-05-79
Effective Opening Date - 06-26-79

All work completed on the project on July 5, 1979. One man working on final quantity checking when time permits. Estimated date of submittal of the final to the Division Office is November 15, 1979.

TQF 32-1(2)0, Macon-North & South
6.2 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base, plant mix bituminous surfacing, fencing & signing
Contract Let - 06-22-78
Contract Awarded - 6-23-78
Proceed Order Date - 07-14-78
Work Started - 10-23-78
Bid Price - $1,587,913.95

Hilde Construction Co.
Great Falls, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days - 150
Prob. Compl. Date - 09-30-79
Effective Opening Date -

Progress this past period consisted of moving 12,000 cu. yds. of uncl. exc. for a total to date of 160,000 cu. yds. or 97% complete. 55,000 cu. yds. of uncl. borrow was moved for a total to date of 90,000 cu. yds. or 69% complete. 45,000 cu. yds. of topsoil has been removed or 100% complete. C.S.P. installations are 92% complete. 16,780 ton of 1½" crushed base was placed for a total to date of 42,030 ton or 71% complete. Plant mix base & surface have been crushed & stockpiled. 51 ton of MC-70 prime oil was shot or 24% complete. 48 contractor employees worked ten-ten hour & 16 - 9 hour shifts. Project is 32% complete with 78% of the contract time elapsed. Eight engineering personnel are engaged on the project.

RS 248-4(2), Opheim-Scobey
Formerly S 8(12)
4.4 Miles in Length
Grading, aggregate surfacing, plant bituminous base and widening timber bridge
Contract Let - 05-26-77
Contract Awarded - 06-26-77
Proceed Order Date - 07-07-77
Work Started - 06-30-77
Bid Price - $669,459.08

Earth Builders, Inc.
Bismarck, North Dakota
Douglas A. Durocher, Fld Proj Mgr
Glasgow, Montana
Working Days - 110
Act. Compl. Date - 07-26-79
Effective Opening Date - 08-04-78

The project is 100% complete with 91% of the contract time elapsed. Final notes checked by the Division office. Final estimate and supporting data submitted to Helena 08-08-79. This will be the last report.

RS 344-1(1)0 & RS 405-1(1)18,
Brockton-Froid & Froid East
30.9 Miles in Length
Seal & cover
Contract Let - 05-31-79
Contract Awarded - 06-08-79
Proceed Order Date -
Work Started - 06-26-79
Bid Price - $334,675.00

Gus Albert
Miles City, Montana
Douglas A. Durocher, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 45
Est. Compl. Date - 08-31-79
Effective Opening Date -

Progress has been good this past period. Contractor working on RS 405-1(1)18 Froid-East portion of the contract. 1 to 22 men worked 8 various lenght shifts and applied the seal and cover material. Sub contractor had 2 men work 1 - 8 hour shift and applied the pavement markings making this portion of the project 99% complete the project as a whole is 43% complete with 25 days or 54% of the contract time elapsed. A 4 man engineering and inspection crew is engaged on the project.

RS 000S(55), Valley County
0.00 Miles in Lenght
Securement and delivery of signing components and materials
Contract Let - 01-25-79
Contract Awarded - 02-20-79
Proceed Order Date - 04-11-79
Work Started - 04-11-79
Bid Price - $1,082.80

Pacemaker Industries, Inc.
Spokane, Washington
James E. Baldwin, Fld Proj Mgr
Glasgow, Montana
228-2717
Completion Date - 05-01-79
Act. Compl. Date - 04-11-79

Signing material and posts have been delivered to the county yard. Final payment will be made when certifications for materials are received.

SMP 4699-79, Maintenance Stockpiles
Contract Let - 03-29-79
Contract Awarded - 04-04-79
Proceed Order Date - 04-25-79
Work Started - 06-18-79
Bid Price - $167,712.00

Meyer Construction Co.
Billings, Montana
Leroy E. Anderson, Matl Supr.
Wolf Point, Montana
653-1050
Working Days - 65
Prob. Compl. Date - 08-31-79

SMP 4699-79, Maintenance Stockpiles (continued)

Contractor began crushing in Pit No. 4620-24 (Sheridan County) on 08-07-79. At present the material is being stockpiled at the crusher site. Project is 71% complete with 82% of contract time elapsed.

RRO 4686 (3)
Grade Crossing Signals (Off System)
Plentywood-Main Street
Agreement dated - 08-02-79
Work Started -
Agreement Price - $79,260.00

Burlington Northern, Inc.
2224 Montana Ave.
Billings, Montana 59101
Douglas A. Durocher, Fld Proj Mgr
Glasgow, Montana
228-2717
Est. Compl. Date -
Effective Opening Date -

Burlington Northern, Inc. was given the proceed order 08-07-79. No work on project to date.

For Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:caj

cc: Field Project Managers
Don Williams
Leroy Anderson
File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

Billings, Montana
August 17, 1979

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CONSTRUCTION BUREAU

Following is the Preconstruction and Construction Progress Report in Division 5130 for the period ending August 17, 1979.

## GENERAL

Temperatures ranging from + 54 to + 96 degrees prevailed with .31 inches of precipitation received during the reporting period. The majority of the construction projects reported fair to good progress during the past reporting period.

## PRECONSTRUCTION

FI 90-9(50)485 7 Mi. West of Hardin
Length 0.1 Miles
Survey Authorized 6-8-78
Work Started: 6-6-79

Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138

No work has been done on the project the past reporting period. Work will resume when personnel become available.

F 4-1(2)26 Bridger-Fromberg
Length 7.5 Miles
Design Received 5-26-78
Design Started 7-12-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

One man worked on this project during the past reporting period, reviewing drainage in the field. Design work is 10% complete.

F 23-1(2)2 Miles City So. - No. Section
5.435 Miles Design Work
Design Started: 11-20-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-15-80

No work was accomplished on this project during the past reporting period. Design work is 15% complete.

M-1020(1) 1st Ave. North - Billings
Division St. to 22nd Street
1.0 Miles Design Work
Design Started: 6-5-79

James M. Young, Designer III
Billings, Montana 59104
Phone No. 252-4138
Probable Completion Date: 6-27-80

One man worked on this project during the past reporting period, plotting the cross sections. Design work is 6% complete.

RS 416-1(1) Billings - South
8.2 Miles
Design Started: 2-14-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-26-79

## PRECONSTRUCTION

RS 416-1(1) Billings - South (continued)

No work was accomplished on this project during the past reporting period. Design work remains 50% complete.

RS 306-1(1)0 Columbus - North
3.887 Miles Design Work
Design Received: 3-30-77
Design Started: 9-15-77

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-1-82

No work was accomplished on this project during the past reporting period. Design work is 25% complete.

RS 308-1(4)9 Belfry West
5.244 Miles Design Work
Design Started: 5-21-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-8-83

Two men worked on this project during the past reporting period, checking the topography on the cross sections and plotting the mylar hardshell. Design work is 10% complete.

DP 384-2(1)41 Sarpy Crk. Rd.(Center Section)
5.047 Miles Design Work
Design Received: 9-77
Design Started: 2-22-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 11-30-79

One man worked on this project during the past reporting period, revising the grade line in the area of the Sarpy Creek Bridge location. Design work is 49% complete.

DP 37-1(1)8 Crow Agency-Busby (Center Sec.)
8.812 Miles Design Work
Design Started: 2-28-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 12-14-79

No work was accomplished on this project during the past reporting period. Design work is 12% complete.

## CONSTRUCTION

I 90-9(28)509 U3 & ERFO 90-9(56)078
Garryowen North & South & Custer
Battlefield Interchange
8.069 Miles Grading, Agg. Surf.,
Pl. Mix Surf., and Seal and Cover
Big Horn County
Contract Awarded: 2-20-79
Amount of Contract: $719,412.50
Proceed Order Date: 2-20-79
Work Started: 4-16-79

Peter Kiewit Sons' Company
Billings, Montana
Gerald Loran, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Probable Completion Date: 10-30-78
Effective Opening Date: N/A

I 90-9(28)509 U3 & ERFO 90-9(56)078 (Continued)

The contractor had no work in progress for this reporting period. A request was made by the contractor to begin seeding as soon as possible. It was recommended by Mr. Ivanovitch that the project be seeded between August 13 and September 14, 1979. The contractor plans on starting as soon as possible after August 13. All other items are 100% complete with 90% of the contract time elapsed. The project as a whole is 99% complete. Three engineering personnel are assigned to the project.

I 90-9(33)516 Lodge Grass No. - No. Section
9.146 Miles Grade, Drain, PMBB, PMBS
and Structures
Big Horn County
Contract Awarded: 3-1-79
Amount of Contract: $9,162,711.88
Proceed Order Date: 3-1-79
Work Started: 4-16-79

Hilde Construction Co., Inc.
Great Falls, Montana
Ray Schaak, Fld. Prj. Mgr., Roadways
Lodge Grass, Montana
Phone No. 639-2964
Don Taylor, Fld. Prj. Mgr., Structures
Hardin, Montana
Contract Time: 300 Working Days
Probable Completion Date: 9-30-80
Effective Opening Date:

Good progress. The contractor worked 20 nine hour shifts employing 48 men during the two week reporting period. Work in progress consists of grading between stations 492 to 516, finishing sub grade, and placing topsoil at 310 to 390. The fencing sub-contractor worked 10 eight hour shifts employing eight men, fencing between stations 520 to 650. The bridge sub-contractor, Flynn Company, Inc., worked 10 eight hour shifts employing 15 men. The driving of steel bearing piles was completed at station 301 making piling items 47% complete. Concrete was placed for the footings of abutments No. 1 East bound and No.2 East and West bound at station 301 and for the entire pier No. 2 West bound at station 285 making class AD concrete 23% complete. Grading items are 42% complete, Drainage items are 32% complete, Fencing items are 60% complete, Miscellaneous items are 7% complete, Structure items are 16% complete.

A 21 person engineering crew worked 10 eight hour shifts setting blue tops, laying out bridge sites, computing structure quantities, and on construction inspection. The project is 21% complete, with 25% of the contract time elapsed. Roadway construction layout is 77% complete, structure layout is 30% complete.

I 90-9(54)525 & F 73-1(2)0
Lodge Grass No. - So. Section and
Lodge Grass I Conn
6.6 Miles Grading, Drain, PMBB
PMBS and Structures
Big Horn County
Contract Awarded: 4-4-79
Amount of Contract: $9,400,893.08
Proceed Order Date: 5-2-79
Work Started: 5-14-79

Peter Kiewit Sons' Company
Billings, Montana
Roddo Bakich, Fld. Prj. Mgr., Roadways
Lodge Grass, Montana
Phone No. 639-2968
James Rangitsch, Fld. Prj. Mgr., Structures
Lodge Grass, Montana
Contract Time: 300 Working Days
Probable Completion Date: 9-1-80
Effective Opening Date:

I 90-9(54)525 & F 73-1(2)0 (Continued)

Progress during this reporting period has been good. The contractor worked 20 nine hour shifts employing 40 men. Work in progress was excavation between sta. 933+00 to 942+00, 953+00 to 960+00 and 739+25 to 746+50 and hauling to fill areas 928+50 to 934+00, 948+00 to 952+00 and 722+00 to 728+00. Also, installed 24" RCP at sta. 734+00 and 24" CSP Opt. No. 2 pipe at sta. 726+96, 721+72 and 722+86. They also cleared an area for stockpiling gravel and the Hot Plant site right of sta. 698+00 to 705+00 on private land owned by Hale C. and Terry E. Jeffers. Flynn Company, Inc., bridge sub-contractor, worked 10 eight hour shifts employing an average of six men. The contractor constructed a work bridge across the Little Big Horn River at sta. 129+40, excavating abutment wall footings at abut. 1 & 2 E. B., abut. 1 & 2 W. B. and driving treated timber test piles at abutment numbers 1 E. B. and 1 W. B. at the Lodge Grass Interchange. The structure items are 7% complete. Percentage complete of various items are: fencing 13%, grading items 20%, drainage items 11%, and miscellaneous items 15%. The project is 9% complete with 17% of the contract time elapsed. An average of 13 persons were assigned to the project for engineering and construction inspection. Engineering layout is 11%.

I 94-1(37)50 U2 and I 94-2(20)51
Big Horn River East and West
5.9 Miles Grading, Agg. Surf.
Pl. Mix, Bit. Surf.
117.25' Structure
Contract Awarded: 12-15-77
Amount of Contract: $1,848,510.69
Proceed Order Date: 4-17-78
Work Started: 2-9-78

Earth Builders, Inc.
Bismarck, North Dakota
John Miner, Fld. Prj. Mgr., Roadways
Don Taylor, Fld. Prj. Mgr., Structures
Hardin, Montana
Phone No. 665-3027
Contract Time: 160 Working Days
Probable Completion Date: 11-1-79
Effective Opening Date: 6-28-79

Sherrodd, Inc., sub-contractor worked five eight hour shifts, and employed an average of two men working on general clean-up work, and pit reclamation. The contractor has requested and received permission to begin seeding operations from August 23 through September 15, 1979, inclusive. However, the sub-contractor has not indicated when he plans to start seeding operations. All other items are substantially complete with 98% of the contract time elapsed. One man is working on final quantities, and inspection of project.

I 000B(2) Unit 5
Erosion Control I-94
0.0 Miles Treasure County
Contract Awarded: 12-15-78
Amount of Contract: $38,004.00
Proceed Order Date: 12-18-78
Work Started: 3-23-79

Swan & Sons Construction, Inc.
Anaconda, Montana
John Miner, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3027
Contract Time: 20 Working Days
Completion Date: 5-21-79

The final estimate and supporting notes and documentation have been submitted to Helena on August 16, 1979. This will be the final report.

## CONSTRUCTION

RS TQS 308-1(3)0 Red Lodge East (2nd Sec.)
4.4 Miles
Grade, Drain, Agg. Surf., PMBB & PMBS Overlay
Carbon County
Contract Awarded: 5-31-78
Amount of Contract: $1,159,537.03
Proceed Order Date: 6-21-78
Work Started: 6-19-78

Wickens Brothers
Lewistown, Montana
Michael Zahn, Fld. Prj. Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date: 8-31-79
Effective Opening Date: 8-2-79

R. J. Studer & Sons, sub-contractor, worked two days with 18 men employed, applying the seal coat and cover material. Mark Rite Lines, Inc. worked one day striping the project. All items are 100% complete. The project is 100% complete, except for some minor clean-up work, with 88% of the contract time elapsed. Six engineering personnel are assigned to the project.

RS TQS 384-1(2)19 Hardin - Sarpy Creek
11.6 Miles
Grade, Drain, Agg. Surf., & PMBB
Big Horn & Treasure Counties
Contract Awarded: 5-31-78
Amount of Contract: $2,508,618.45
Proceed Order Date: 6-21-78
Work Started: 7-18-78

McIntyre Construction Company, Inc. and S. Birch, Inc.
Great Falls, Montana
Don Kittelson, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 200 Working Days
Probable Completion Date: 10-1-79
Effective Opening Date: 7-31-79

The contractor worked one eight hour shift with five men employed this reporting period. The contract time on the project has been suspended until the seeding work is started. The seeding of the project is now scheduled to be started on August 27, 1979. All the items on the project are 100% complete with the exception of the seeding items. The project as a whole remains 90% complete with 159 of the 202 working days allowed having been used or 79% of the contract time elapsed. Three men are assigned to the office compiling, computing and checking data for the final estimate. A five man survey crew worked nine days this reporting period on remeasuring and measuring for seeding. Engineering layout remains 97% complete.

DP 314-1(3)0 Wyoming Line - Northwest
3.7 Miles
Plant Mix Surf. Overlay & Striping
Big Horn County
Contract Awarded: 7-6-79
Amount of Contract: $627,600.37
Proceed Order Date: 7-27-79
Work Not Started

James Kraus Contractor
Great Falls, Montana
Gerald Loran, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Probable Completion Date:
Effective Opening Date: N/A

The Preconstruction conference was held in the Billings Division office on August 7, 1979 with all persons affiliated with the project in attendance. The contractor has secured a gravel pit and the Billings lab has taken and sent samples to Helena lab for testing. The contractor plans starting work on or about August 15, with crack sealing and widening work.A five person survey crew is employed running line, establishing bench marks and cross sectioning.

## CONSTRUCTION

HHS 16-1(10)0 No. Frtg. Rd. & Lockwood Lane, Billings
0.0 Miles
Traffic Signals, Signing & Med. Curb
Yellowstone County
Contract Awarded: 5-10-79
Amount of Contract: $43,848.00
Proceed Order Date: 5-31-79
Work Started: 7-10-79

Midland Electric Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date: 11-1-79
Effective Opening Date: N/A

The Contractor has completed the underground portion of the contract and is awaiting the arrival of the anchor bolts for the project. A suspend work order has been issued effective at the close of work on July 27, 1979 until such time the contractor receives the anchor bolts. Contract time elapsed is 14 working days or 31% to date, and a total of 31 working days remain.

TQF 9010(24) 27th Street - Billings
0.2 Miles
Street Reconstruction & Traffic
Control Devices
Yellowstone County
Contract Awarded: 5-31-78
Amount of Contract: $195,926.50
Proceed Order Date: 6-21-78
Work Started: 7-10-78

COP Construction Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Probable Completion Date: 8-30-79
Effective Opening Date: N/A

All items on the project have been completed, however, the completion date will be determined upon acceptance of the plastic striping. Contract time elapsed is 65 working days or 83% to date. Eighteen additional working days have been awarded for change orders and extra work orders, leaving a total of 13 working days remaining. The project as a whole is 100% complete with the exception of acceptance of the plastic striping.

F 16-1(11)1 Var. Int. - Billings
0.0 Miles
Traffic Control Devices
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $345,143.00
Proceed Order Date: 6-29-79
Work Started: 7-23-79

Midland Electric Co. & One Way
Sign Company (J. V.)
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Probable Completion Date: 10-15-79
Effective Opening Date: N/A

The contractor has had an average of nine men employed and worked 10 eight hour shifts pushing conduit, trenching, installing conduit and covering trenches. The sub-contractor, Barry O'Leary has worked three shifts and employed four men removing and replacing the pin-down curb on the project. A suspend work order has been issued effective August 6, 1979 due to the heavy congested traffic conditions during the Yellowstone Exhibition. Conduit items on the project are approximately 60% complete; pin-down curb item is approximately 13% complete. Time elapsed on the project is 10 working days or 16% to date and 50 working days remain. The project as a whole is approximately 13% complete.

HES 1025(2)6th Street West Overpass
Billings
0.0 Miles
Ice Warning System
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $52,973.30
Proceed Order Date: 6-29-79
Work Not Started

Yellowstone Electric Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 30 Working Days
Probable Completion Date: 10-1-79
Effective Opening Date: N/A

The contract was let on May 31, 1979 and awarded to Yellowstone Electric Company on June 7, 1979. The preconstruction conference was held in the Division Office on June 27, 1979. The Notice to Contractor to Proceed with work was issued effective June 29, 1979 and a suspend work order issued the same date according to Special Provision 1 C-2. The contractor has done no work on the project as yet.

RS 000S(56), RS 000S(57) & RS 311-2(2)S
Furnish Signing Materials for Secondary
Route - 310, 311 and 500
Yellowstone, Musselshell & Treasure Counties
Contract Awarded: 4-4-79
Amount of Contract: $3,218.90
Proceed Order Date: 4-25-79

One Way Sign Company
Custer, Montana
Chad H. Lutey, Eng. Trf. I
Billings, Montana
Phone No. 252-4138
Contract Time: Completion by 8-1-79
Completion Date: 7-18-79
Effective Opening Date: N/A

The contractor completed delivery of the signing materials to the designated locations on July 18, 1979. The final estimate and supporting data will be submitted to the Division Office by September 1, 1979.

SMP 5120-9542-1200 King Ave. -
W. Billings Interchange
0.0 Miles
Repair Structure
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $68,760.00
Proceed Order Date: 6-29-79
Work Started: 7-24-79

COP Construction Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 50 Working Days
Probable Completion Date: 10-1-79
Effective Opening Date: N/A

The contractor has completed installing the construction signing, removed the damaged beam and portion of the slab, and is forming for the deck and overhang, and patching the other damaged beams on the project. The contractor has had an average of six men employed and worked eleven eight hour shifts. Time elapsed on the project is 33 working days or 55% to date and 27 working days remain. The project as a whole is approximately 45% complete. Four engineering personnel are assigned to the project.

AR 9562 Bridge & Approaches
0.02 Miles Pryor Creek Bridge &
Approaches on Old U.S. 87
Yellowstone County
Contract Awarded: 6-29-79
Amount of Contract: $189,352.00
Proceed Order Date: 7-20-79
Work Not Started

COP Construction Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 100 Working Days
Probable Completion Date: 12-1-79
Effective Opening Date:

CONSTRUCTION

AR 9562 Bridge & Approaches (Continued)

The contract was let on June 28, 1979 and awarded to COP Construction Company on June 29, 1979. The Notice to Contractor to Proceed with work was issued effective July 20, 1979, and 19 working days have been charged to the project for 19% time elapsed. A four man engineering crew has worked two days staking the approaches and structure on the project. Construction staking is approximately 75% complete. The contractor has done no work on the project to date, but plans to begin work on or about August 20, 1979.

ER 90-8(88)078 Flood Repair Pryor Creek Bridge
0.0 Miles
Flood Repair and Riprap
Yellowstone County
Contract Awarded: 7-27-79
Amount of Contract: $69,797.80
Proceed Order Date:
Work Not Started

Baltrush Construction Co., Inc & Affil.
Havre, Montana
Michael Zahn, Fld. Prj. Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 60 Working Days
Probable Completion Date:
Effective Opening Date: N/A

The preconstruction conference was held in the Billings Division Office on August 14, 1979. The contractor plans to begin work on the project on or about August 20, 1979. Six engineering personnel are assigned to the project.

Respectfully submitted,

Martin C. VanMil

For. C. W. Klimper, P.E. Supervisor
Division Construction Section

CWK/MCV/lg

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
August 17, 1979

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending August 17, 1979, for Division 5230 - Miles City, Montana.

## GENERAL

Mostly clear skies along with seasonal temperatures prevailed during the period. Temperatures ranged from 55° to 96°. All construction projects are in fair to good travel condition. Paving operations are in progress on Mont. 39 from the junction with I-94 to a point 7 miles south with flagpersons and traffic control.

## PRECONSTRUCTION

F 23-1 (2) 7 - Miles City South (South Section)
Design Started: May 16, 1979
Length 6.9 Miles

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: July 31, 1980

Work in progress during the past period consisted of preparing and submitting design data to Helena, August 9, 1979 for preliminary plan-in-hand prints. 11 man-days were used during the period, making a total of 59 man-days. Design as a whole is 10% complete.

DP 39-1 (3) 38 - Colstrip to I-94 (Armell's Creek-North and South)
Design Started: November 21, 1977
Length - 6.4 Miles

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: October 31, 1979

Work in progress during the past period consisted of preparing right-of-way prints and inking utility brownline prints. Right-of-way and brownline prints were submitted to Helena, August 15, 1979. Eight man-days were used during the period, making a total of 330 man-days. Design as a whole is 58% complete.

S 447-1 (1) 29-8 Miles South of Rosebud-South (South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977

Field Project Manager - Unassigned
Probable Completion Date: March 1, 1980

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 mile or 1% complete. The survey as a whole is 30% complete.

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RS 462-2 (3) 13-13 Miles N. of Rock Springs-North
14.3 Miles Grade, Gravel Surf.
Contract Not Let

D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093

Work in progress during the past period consisted of running centerline on 4.2 miles and running right-of-way lines on 5.0 miles in areas where utilities are to be moved. To date control points have been established for centerline, right-of-way lines, and construction permit areas on 14.3 miles or 100% complete. Centerline has been run on 14.3 miles or 100% complete. Right-of-way lines have been run on 5.0 miles or 17% complete. This phase of work, with a four-man engineering crew engaged, is 45% complete.

M 8008 (1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978

D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Dec. 30, 1979

No work was performed on this project during the past period. To date, centerline and levels have been run, cross sections and topography taken, and section ties made on 1.0 mile, or 100% complete. Plan has been plotted and field notes checked on 0.5 mile or 50% complete. 101 man-days have been used. The survey as a whole is 80% complete.

## CONSTRUCTION

I 94-3 (29) 90 U-2 -Forsyth-East and West
Length - 5.745 Mi. Grade., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5'
West Interchange Structure, and 304.5'
South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I, Conn.-Forsyth
Length - 0.306 Mi. Grade., Gravel Surf.
Pl. Mix. Surf., Sign., and 233.0' BN
Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R.R. Garland, Fld. Proj. Mgr. (Roadway)
W.D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Actual Completion Date: May 31, 1979
Effective Opening Date: October 4, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions May 31, 1979. Formal inspection and acceptance were made June 1, 1979. The Final Estimate with a one-man engineering crew engaged, is currently 85% complete and will be submitted to the Division Office about August 31, 1979.

I 94-3 (27) 114 U-2 - Hathaway-E & W
Length - 5.6 Miles Plant Mix Bit. Surf.
(2nd Stage) Seal & Cover
Contract Let: December 14, 1978
Proceed Order: April 16, 1979
Amount of Contract: $304,810.85
Work Started: March 26, 1979

Earth Builders,Inc., Contractor
Bismarck, North Dakota
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 60 Working Days
Actual Completion Date: June 13, 1979
Effective Opening Date: May 1, 1979

All items were completed in conformance with Plans, Specifications, and Special Provisions June 13, 1979. Formal inspection and acceptance were made June 13, 1979. The Final Estimate was submitted to the Division Office July 27, 1979, and is currently 85% complete.

F-TQF 23-3 (2) 119 - Broadus-Wyoming Line
Length - 20.4 Miles Plant Mix Overlay
Contract Let: April 27, 1978
Proceed Order: May 22, 1978
Amount of Contract: $1,580,737.80
Work Started: August 21, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 90 Working Days
Actual Completion Date: June 18, 1979
Effective Opening Date: Oct. 10, 1978

All items were completed in conformance with Plans, Specifications, and Special Provisions June 18, 1979. Formal inspection and acceptance were made June 19, 1979. The Final Estimate, with a one-man engineering crew engaged, is 82% complete and will be submitted to the Division Office about September 1, 1979.

F-TQF-DP 39-1 (5) 44 U-1 - Colstrip to I-94 (North Section)
Length - 7.0 Miles Grade.,Agg. Surf., and Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
R.R. Garland, Field Project Manager
Forsyth, MT - Tel. No. 356-2230
Contract Time: 200 Working Days
Probable Completion Date: Sept. 15, 1979
Effective Opening Date:

Progress during the past period has been poor. The only work in progress consisted of cleanup on the project and setting up the hot plant. Plant Mix Base operations began Aug. 16, 1979. To date 341,618 tons of 1½" crushed base course have been placed or 99% complete.22,673 tons of 3/4" crushed top surfacing have been placed or 94% complete. 7,526 lineal feet of culvert have been installed or 100% complete. 780,000 cubic yards of unclassified excavation have been moved or 99% complete. 58% of the permanent seeding has been completed and 3,724 rods of fence have been installed or 82% complete. The contractor worked six 10-hour shifts with 25 men employed. The contract as a whole is 79% complete with 91% of the contract time elapsed. Construction layout, with an eight-man engineering crew engaged, is 89% complete. Traffic is traveling on primed surface for the entire project.

F-TQF-DP 39-1 (5) 44 U-2 - Colstrip to I-94 (North Section)
Two 17.5' and one 11.5' Timber and Conc. Stockpasses
Contract Let: May 25, 1978
Proceed Order: June 21, 1978
Amount of Contract: $112,229.05
Work Started: August 10, 1978

Earth Builders, Inc., Contractor
Bismarck, North Dakota
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 60 Working Days
Actual Completion Date: April 30, 1979
Effective Opening Date: July 19, 1979

All items were completed in conformance with Plans, Specifications, and Special Provisions April 30, 1979. Formal inspection and acceptance were made July 13, 1979. The Final Estimate was submitted to the Division Office July 23, 1979 and is currently 95% complete.

RS 447-1 (3) 8 -8 Mi. South of Rosebud-South
Length - 4.1 Miles Grade,Agg.Surf. & Pl.Mix Base Surfacing
Contract Let: May 3, 1979
Proceed Order: May 31, 1979
Amount of Contract: $1,241,949.83
Work Started: June 4, 1979

Wickens Brothers, Contractor
Lewistown, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 150 Working Days
Probable Completion Date: Sept. 15, 1979
Effective Opening Date:

Progress during the past period has been good. 120,900 cubic yards of unclassified excavation were moved making a total of 300,900 cubic yards or 69% complete. 248 lineal feet of CSP culvert were installed making a total of 1,404 lineal feet or 56% complete. 84 lineal feet of SSPP culvert have been installed or 48% complete. The contractor worked thirteen 9 hour shifts during the past period with twenty-five men employed. The project as a whole is 32% complete with 33% of the contract time elapsed. Construction layout, with a seven-man engineering crew engaged, is 75% complete.

SOS 38 (3) - Belle Creek Road
(Powder River County)
Gravel Surface 12.5 Miles
Contract Approved; October 5, 1978
Estimated Cost: $101,000.00
Work Started: November 28, 1978

Powder River County, Contractor
Broadus, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: August 15, 1979
Effective Opening Date: July 10, 1979

Work during the past period consisted of completing final clean-up. To date gravel has been placed on 12.5 miles and 8 cattle guards have been installed. Installation of 4 Hazard markers and 2 Narrow Bridge signs remains to be completed. The project as a whole is 99% complete. Construction lay out is 99% complete.

RRP 4139 (53) - Railroad Crossing Signals
8th St., 10th St., & Leighton Blvd.
Miles City
Estimated Cost - $244,208.00
Work Started: June 20, 1979

Force Account Work by Railroad
Forces - Burlington Northern Inc.
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Sept. 15, 1979

No work was performed on this project during the period. The project as a whole, with a one-man engineering crew engaged, is 1% complete.

Jay B. Randall, P.E.,
Supr.-Div. Constr. Section

JBR:DM:jw

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

AUGUST 17, 1979

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
Division 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of August 4, 1979 through August 17, 1979.

## GENERAL

The temperature varied from 94°F above to 46°F above zero with 0.25 inches of precipitation recorded. Roads are in good travel condition.

## PRECONSTRUCTION

RF 14-2 (01) 75 Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71
Survey Completed:

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Bridge situation survey was submitted to Helena on 9/19/73. Drainage and Irrigation Notes, including Field Recommendations were submitted to Helena on 7/18/73. Tracing Plan and Profile templates on cross-sections are 100% complete. The design as a whole is 20% complete with 68 man-days expended to date. The design has temporarily been suspended pending alignment study.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes remain 50% complete. The design as a whole is 60% complete with 304 man-days expended to date. The design has temporarily been suspended pending Hydraulics recommendations.

RS 236-1 (01) 49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

RS 236-1 (01) 49 PN-Lohse Ferry Bridge & Approaches . . Continued

No work has been done on the project during the past reporting period. A Plan-In-Hand meeting was held in the Division Office and the project on June 28, 1979. To date 606 man-days have been expended on the location survey.

F 57-2 (2) 33 Stanford-East and West
Approximate Length: 12.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Started: 1/31/77
Survey Resumed: 5/19/77

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been accomplished this reporting period. Items and percentages of completion are as follows: Centerline 100% complete; cross-sections taken 59% complete; bench marks 100% complete; topography 96% complete; hardshell 96% complete; profile 57% complete; drainage areas 10% complete; bridge situations 10% complete; ownerships 100% complete; section ties 0% complete; cross-section notes reduced and checked 59% complete; cross-sections plotted 59% complete and cross-sections inked 59% complete. The overall survey remains 66% complete with 962 man-days expended to date.

F 57-3 (03) 122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74
Survey Completed: 3/20/79

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Design Section on March 20, 1979. The Hydraulics data was submitted to Helena on April 11, 1979. Preliminary grades, plotting and inking cross-sections, planning report, plotting section corner ties are all 100% complete. Tracing Plan and Profile Linens remain 80% complete. Four man-days were used revising preliminary grades and coding IBM Sheets for Run No. 3 making this item 50% complete. IBM Run No. 2 was received from Helena July 15, 1979. The design as a whole is 29% complete with 88 man-days expended to date.

F 57-3 (01) 83 Lewistown-East
Approximate Length: 12.6 Miles
Survey Authorized: 6/2/77
Survey Started: 2/5/79

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A four man engineering crew worked six days this reporting period. Work consisted of taking preliminary cross-sections from Station 199+00 to Station 269+00 for a total of 4.8 miles or 38% complete. All other items remain as previously reported. Centerline run and levels run and bench marks established from Station 0+00 to Station 281+93.2 for a total of 5.08 miles or 40% complete; cross-section notes have been reduced and checked and cross-sections plotted, checked and inked from Station 13+62.0 to Station 199+00 or 15% complete. The project as a whole is 10% complete with 200 man-days expended to date.

RS 000S (68) Fergus County
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

RS 000S (69) Judith Basin County
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

M 7106 (3) Spring Street 8th-11th - Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/6/76

HKM Associates
Consulting Engineers
Billings, Montana

Survey and Field Work - 100% complete. Planning and Design - 98% complete.
Utility Plan-In-Hand held June 19, 1979.

M 7109 (1) 4th Avenue - Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete.
Utility Plan-In-Hand held June 19, 1979.

M 7103 (1) Airport Road - Lewistown
Approximate Length: 1.4 Miles
Survey Authorized: 12/6/76
Survey Started: 12/12/77
Survey Suspended: 12/16/77
Survey Resumed: 5/9/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on June 16, 1978. Plotting and inking cross-sections, inking Plan and Profile Linens, plotting and summarizing summaries, designing miscellaneous items and drainage are all 100% complete; writing preliminary special provisions and computing cost estimate remain 90% complete; computing cost estimated for a revised Typical Section is 100% complete. The design as a whole is 48% complete with 72½ man-days expended to date.

RS 245-1 (1) 6 Miles Northwest - Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started: 5/1/78

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

RS 245-1 (1) 6 Miles Northwest - Jordan . . Continued

No work performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, sixty-four percent of the R/W 72 Authorization Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297 1 (01) 9 Hedgesville-North
Approximate Length: 18.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana

No work was performed this reporting period. A total of seventeen man-days have been expended to date.

RS 294-1 (02) 12 Lennep-East and West
Approximate Length: 6.9 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data with the exception of section ties was submitted to the Division Design Section on February 28, 1979. Plotting and inking cross-sections and plotting profile are 100% complete. Tracing Plan and Profile Linens are 80% complete. Writing planning report and making cost comparison for rebuild concept versus upgrade concept is 95% complete. The design as a whole is 14% complete with 53 man-days expended to date.

F 57-5 (1) 171 Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized: 11/20/78
Survey Started: 3/21/79

Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 492-6611

Transmittal of field location notes, horizontal and vertical control data was submitted to Division Construction Supervisor, W.S. Strizich, on 5/21/79. Field survey work began 3/21/79 and was completed 5/18/79 with 202 man-days used to complete the survey.

F 61-3 (2) 85 Mobridge-South
Slide Correction 2.5 Miles
South Fred Robinson Bridge
Approximate Length: Unknown
Survey Started: 3/14/79

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on the project this reporting period. Additional work will be required as for checking slide control check points on a once a month basis through the month of October 1979. Fifty-eight man-days have been expended to date.

RS 310-2 (1) 35 Musselshell-South
Approximate Length: 6.7 Miles
Survey Authorized: 7/6/78
Survey Started: 12/11/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on February 1, 1979. The final P.I.H. was held June 27, 1979. Twelve man-days were used making P.I.H. changes and inking summaries for 96% complete. The design as a whole is 76% complete with 102 man-days expended to date.

CONSTRUCTION

ER 72 (21) Melstone-Mosby
F 57-4 (4) 158 Riprap Musselshell River
Flood Damage Repair
Petroleum & Garfield Counties
Contract Awarded: 12/15/77
Contract Amount: $244,414.26
Work Started: 3/16/78
Work Suspended: 3/21/78

Rehbein Contracting, Inc.
Plains, Montana
Carl W. Park
Field Project Manager
Winnett, Montana
Telephone: 429-6611
Completion Date: 6/5/79
Contract Time: 60 Working Days
Effective Opening Date: N/A

Final estimate and supporting data was submitted to Division Construction Section July 11, 1979. Final estimates and supporting data to be submitted to the Construction Bureau August 24, 1979.

F 57-3 (04) 112 Grass Range-East
Plant Mix Overlay
Contract Let: 6/22/78
Contract Awarded: 6/23/78
Contract Amount: $510,846.15
Work Started: 8/21/78

R. J. Studer & Sons
Billings, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Actual Compl. Date: 7/2/79
Effective Opening Date: 7/2/79

The project was completed on July 2, 1979 and certified complete on July 3, 1979. The final estimate and supporting data will be submitted to the Division Office on or about October 1, 1979.

F-TOF 57-4 (3) 130 Winnett-East & West
Grade, Aggregate Surf., Plant Mix
Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 8/24/78
Work Started: 9/25/78

Earth Builders, Inc.
Bismarck, North Dakota
Carl W. Park
Field Project Manager
Winnett, Montana
Contract Time: 180 Working Days
Probable Compl. Date: 5/15/80
Effective Opening Date:

Progress the past reporting period has been good. Contractor worked five nine-hour shifts with fifteen men employed completing unclassified excavation quantities; 268 lineal feet of 24" RCP were placed with a four-man culvert crew employed making small drainage structures 100% complete. Large drainage

structures are 100% complete and approach culverts are 35% complete. Eighteen thousand three hundred fifty tons of 1½" TACBC gravel were hauled making a total to date of 90,000 tons or 89% complete; 3/4" TACTS material is 38% complete. Gravel operations worked eight 10-hour shifts with 12 men employed. Fencing Sub-contractor, Swan & Sons, Inc., worked four 8-hour shifts with five men employed. Farm fence installation is 93% complete. Production and stockpiling of plant mix aggregate began 8/14/79 in State Lab. Pit #490149-168. Contractor worked one 11-hour shift and two 12-hour shifts with eight men employed. The project as a whole is 68% complete with 59% of the contract working days expended. Construction layout is 100% complete with nine engineering personnel assigned for construction inspection and supervision.

F 43-1 (03) 3 Lewistown-North
Plant Mix Overlay
Contract Let: 1/25/79
Contract Awarded: 2/20/79
Contract Amount: $848,084.80
Work Started: 7/2/79

Earth Builders, Inc.
Bismarck, North Dakota
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 75 Working Days
Prob. Compl. Date: 10/15/79
Effective Opening Date: N/A

Progress the past reporting period has been fair. The contractor completed crushing P.M.S. aggregate on 8/2/79, 3/4 inch C.T.S. on 8/4/79 and began crushing blending sand on 8/4/79 and washing the sand to remove the excess 200 on 8/8/79. Construction of the detour to facilitate the new 72 inch C.S.P. installation was started on 8/7/79 and the pipe installation is 50% complete. Reclamite application, and subsequent sand surfacing, was started on 8/3/79 and completed on 8/6/79. The contractor began moving the hot plant to the project on 8/13/79 and anticipates calibrating on 8/17/79 or 8/20/79. The contractor has 6 to 18 men working 8 to 12 hour shifts per day 5 days per week. Construction layout is 64% complete with 7 engineering personnel assigned to the project.

F 14-2 (4) 42 White Sulphur Springs
0.0 Miles
Cantilever Sign Structure
Contract Let: 2/28/79
Contract Awarded: 3/1/79
Contract Amount: $11,624.00
Work Started: 7/2/79
Work Completed: 8/14/79

Midland Electric Co.
Billings, Montana
Dale DeVore
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 10 Days
Completion Date: 8/14/79
Effective Opening Date: N/A

The project was completed on August 14, 1979. The contractor expended two man-days this past reporting period. The project was completed using 10 of the 11 allowable working days. Work is in progress on the final which should be turned into the Division Office by August 24th. One engineering employee is assigned to this project.

SMP 1499-79 Various - Fergus County
Maintenance Stockpiles
Contract Awarded: 2/20/79
Bid Price: $118,700.00
Work Started: 5/2/79

Francis Tindall
Lewistown, Montana
Charles W. Buck
Field Project Manager
Telephone: 538-8731
Contract Time: 50 Working Days
Prob. Compl. Date: 10/31/79

No work was performed on the project this reporting period. The prime contractor, Tindall Construction Co., completed all crushing operations as of July 9, 1979. The project as a whole is 100% complete with the exception of pit reclamation requirements in Pit No. 1410-63, with 68% of the contract working days having been used. No engineering personnel are assigned to the project.

F 14-5 (1) 168 Roundup
0.0 Miles
Cantilever Sign Structure & Signing
Contract Let: May 3, 1979
Contract Awarded: May 3, 1979
Contract Amount: $22,283.60
Work Started:

Western Sign Corp.
Great Falls, Montana
Dale DeVore
Field Project Manager
Telephone: 538-8731
Contract Time: 20 Days
Prob. Compl. Date: 10/31/79
Effective Opening Date: N/A

The contract was let and awarded on May 3, 1979. The preconstruction conference was held June 29, 1979. The project is 0% complete with 0% of the contract time elapsed. Construction layout is 0% complete.

Respectfully submitted,

W.S. Strizich, P.E., Supervisor
Division Construction Section

WSS:JHP:det

cc: Field Proj. Managers
Design Section
Lab
File

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
NOVEMBER 27, 1978

RECEIVED
JUL 4 1979
CONSTRUCTION BUREAU

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

| PROJECT | LOCATION | LENGTH | TYPE WORK | PERCENT TIME USED | % WORK COMPLETED AND ESTIMATED COMPLETION DATE | CONTRACTOR AND CONTRACT AMOUNT |
|---|---|---|---|---|---|---|
| NRA 1(4) | Big Horn Canyon Ntl Recreation Area | 1.793 | Grading, Surfacing Bridge | 70% | 85% | Sletten Const. Co, $1,643,416.65 |
| FLH 7-1(2) | Thompson Pass | 12.069 | Grading, Surfacing Bridge | 38% Resumed 4/16/79 | 40% | Wickens Bros. $2,652,354.00 |
| NH 59-2(6) & F-TQF 2H-2(3)68 | Beartooth Highway | 5.119 | Grading, Surfacing Bridge | 9% Reaumed 5/7/79 | 1% Spring 1980 | Hilde Const. Co, $2,794,257.50 |
| OMAD 18-1 | Minuteman Missile Roads | 51.800 | Gravel Surfacing | 60% Resumed 5/15/79 | 26% 1/10/79 | Wickens Bros. $642,940.00 |
| FDR-4724,25, 26 | Miller Creek | 13.644 | Grading, Aggregate Surfacing | 60% Resumed 5/16/79 | 45% | L. M. Johnson Inc. $1,579,018.50 |
| ERSO 71(16) FDR 4541 | Kootenai NF | | Storm Damage Repairs at 22 Sites | 31% Winter Suspend | 44% Aug 79 | Christenson Const. Co. $144,175.00 |
| GNP 4-A5 & GNP 14-A1 | Chief Mountain Road & Approach | 14.009 | Grading, recycling, surfacing, bridge | Awarded 4/24/79 | | Peter Kiewit Sons Co. $2,576,434.00 |
| FHP 61-1(4) | North Fork Flathead, Big Creek Bridge | 0.492 | Bridge & Approaches | 17% Started 4/15/79 | 15% | COP Construction Co. $481,200.00 |
| FHP 13-3(3) | Columbia Falls - Glacier Park Highway | 0.441 | Grade, surface and Railroad bridge | Awarded 5/25/79 | | COP Construction Co. $1,404,786.00 |